

ETB-A-2007

Volume

#

R0479

FIELD NOTES

OF THE SURVEY OF THE

EAST, WEST AND NORTH BOUNDARIES, SUBDIVISION AND A PORTION OF THE
SOUTH BOUNDARY, AND AN INDEPENDENT RESURVEY OF A PORTION OF THE
SOUTH BOUNDARY OF T. 18 S., R. 24 E.

Of the Salt Lake Base and

Meridian,

In the State of Utah.

EXECUTED BY

J. C. Clark

In the capacity of U.S. Surveyor, under instructions dated February 10, 1923
issued by the United States Surveyor General to govern surveys included in
Group No. 133, which were approved by the Commissioner of the General Land
Office, February 24, 1923, pursuant to authority contained in the Act of
Congress dated May 14, 1911, Assignment Instructions dated May 14, 1911
Supplemental Assignment Instructions dated May 10, 1924.
Survey commenced August 1, 1924. 191
Survey completed September 30, 1924. 191

BOOK A-479

INDEX DIAGRAM.

Township 18 South, Range 24 East.																			
45		42		40		38		37		35									
3	2	6	13	0	5	10	5	4	9	1	3	7	6	2	6	1	1	9	
		128				127				104				89				75	59
3	0	7	12	5	8	10	2	9	8	7	10	7	3	11	5	8	12	9	
		124				122				101				86				71	56
2	7	18	12	1	17	9	9	16	8	5	15	6	9	14	5	4	18	7	
		119				118				98				83				68	53
2	5	19	11	6	20	9	7	21	8	2	22	6	7	23	5	2	24	6	
		115				113				96				81				66	50
2	2	30	11	2	29	9	5	28	8	0	27	6	4	26	4	9	25	5	
		111				109				94				79				63	48
2	0	31	10	7	32	9	2	33	7	7	34	6	2	35	4	6	36	4	
		18				17				15				14				13	11

BOOK A-479

4-879 b

INDEX DIAGRAM.

Township 18 S., Range 24 E.

47	44	42	40	39	37
34	132	107	93	78	63
30	129	106	91	77	61
32	127	104	89	75	60
28	126	124	103	88	73
29	123	101	87	71	56
25	121	120	100	85	70
27	118	99	84	69	54
23	117	115	98	83	68
24	114	97	82	66	51
20	113	111	96	81	65
22	109	94	80	64	48
18	100	85	70	55	40
14	99	84	69	54	39
16	98	83	68	52	37
12	97	82	66	51	35
10	96	81	65	50	33
8	94	80	64	48	31
6	92	78	63	46	29
4	90	77	61	44	27
2	88	73	58	42	25
0	85	70	55	40	23
36	84	69	54	39	21
38	83	68	52	37	19
40	82	66	51	35	17
42	81	65	50	33	15
44	78	63	46	31	13
46	77	61	44	29	11
48	75	60	42	27	9
50	73	58	40	25	7
52	71	56	39	23	5
54	69	54	37	21	3
56	68	52	35	19	1
58	66	51	33	17	
60	65	50	31	15	
62	64	48	29	13	
64	63	46	27	11	
66	61	44	25	9	
68	60	42	23	7	
70	58	40	21	5	
72	56	39	19	3	
74	54	37	17	1	
76	52	35	15		
78	51	33	13		
80	50	31	11		
82	48	29	9		
84	46	27	7		
86	44	25	5		
88	42	23	3		
90	40	21	1		
92	39	19			
94	37	17			
96	35	15			
98	33	13			
100	31	11			
102	29	9			
104	27	7			
106	25	5			
108	23	3			
110	21	1			
112	19				
114	17				
116	15				
118	13				
120	11				
122	9				
124	7				
126	5				
128	3				
130	1				
132					

Tests of Instrument.

Township 18 South, Range 24 East.

DATE DIAGRAM

OF

T. 18 S., R. 24 E.

8/26/24	8/26/24	8/25/24	8/25/24	8/23/24	8/23/24
9/8/24	9/8/24	8/27/24	8/27/24	8/27/24	8/27/24
6	5	4	3	2	1
9/29/24	9/29/24	9/18/24	9/12/24	9/3/24	8/29/24
7	8	9	10	11	12
9/26/24	9/26/24	9/17/24	9/6/24	9/3/24	8/28/24
18	17	16	15	14	13
9/24/24	9/24/24	9/16/24	9/5/24	9/2/24	8/21/24
19	20	21	22	23	24
9/22/24	9/22/24	9/16/24	9/5/24	9/1/24	8/21/24
30	29	28	27	26	25
9/20/24	9/19/24	9/15/24	9/4/24	9/1/24	8/16/24
31	32	33	34	35	36
9/13/24	9/13/24	9/13/24	8/30/24	8/30/24	8/16/24
8/7/24	8/7/24	8/7/24	8/6/24	8/6/24	8/6/24

Survey commenced August 1, 1924, and executed by J. C.

Clark, U. S. Surveyor, with a Young and Sons transit No. 8520. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

Township 18 South, Range 24 East.

Tests of Instrument.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for District No. six, in Assignment Instructions dated May 14, 1923, and in Supplemental Assignment Instructions dated May 10, 1924, conditional upon satisfactory field tests.

August 1, 1924, at camp, in sec. 11, T. 18 S., R. 24 E., in approximate latitude $39^{\circ}15'$ N., approximate longitude $109^{\circ}15'$ W., I examine the adjustments of the instrument and correct the errors in the levels and the line of collimation of the main telescope. Then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

At 10h 55.9m p. m. l. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a pencil, on a stake driven firmly in the ground approximately eight chains N. of my station.

August 2, 1924, at 7 a. m., apparent time, I lay off the azimuth of Polaris, $1^{\circ}26'$ to the west, and mark the meridian with a nail in a peg set firmly in the ground about eight chains N. of my station.

August 2, sky overcast greater part of day.

August 3, 1924, at 9h 0m a. m., apparent time, I set off $17^{\circ}29'$ N., on the decl. arc; $39^{\circ}15'$ N., on the lat. arc; and determine a meridian with the solar which practically coincides with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $17^{\circ}27'$ N., which agrees within one half minute of the computed decl. of the sun.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $17^{\circ}25'$ N., on the decl. arc; and

Township 18 South, Range 24 East.

Tests of Instrument.

determine a meridian with the solar which I find to fall about one half minute W. of the meridian established from the Polaris observations.

All of the tests during the hours suitable for solar work practically coincide with the true meridian; therefore, I conclude that the adjustments of the instrument are satisfactory.

Final Test of Instrument.

I test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations August 1, 1924, at camp, in sec. 11, T. 18 S., R. 24 E., hereinbefore described, as follows:

September 28, 1924, at 9h 0m a. m., apparent time, I set off $39^{\circ}15'$ N., on the lat. arc; $2^{\circ}4'$ S., on the decl. arc; and determine a meridian with the solar which falls less than one minute E. of the meridian obtained by Polaris observations.

At apparent noon, I set off $2^{\circ}7'$ S., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is $39^{\circ}15'30''$ ^{N.}, which agrees within one half minute of the calculated lat.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $2^{\circ}10'$ S., on the decl. arc; and note that the meridian determined with the solar falls about one half minute E. of the true meridian.

As the instrument by hourly a. m. and p. m. solar observations defines positions for meridians that differ less than one minute from the meridian established by observations on Polaris, I conclude that the transit has been in adjustment during the progress of the survey of this township.

Observations for latitude and declination were taken whenever practicable, and the instrument was tested repeatedly on the Polaris meridian. All measurements were taken with five chain Lallie steel tapes which

Township 18 South, Range 24 East.

Tests of Instrument.

Chains.

were compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slope were reduced to the horizontal by using Keuffel and Esser clinometers.

Survey of the East Boundary of T. 18 S., R. 24 E.

The cor. of Tps. 18 and 19 S., Rs. 24 and 25 E. is a piece of a wooden post, 1 ft. long, 3 ins. square, badly decayed, with parts of the markings of Tps., Rs., secs. and notches plainly visible, and lying on top of ground on the N. of a small mound of earth and bet. the distinct traces of four pits, one each on line, N., E., S. and W. I set this stake 8 ins. in the ground at the original cor. point bet. the pits, and alongside of which remonument it as follows with an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for cor. of Tps. 18 and 19 S., Rs. 24 and 25 E., with brass cap marked:

T18S	
R24E	R25E
S36	S31
S1	S6
T19S	
1924	

and dig pits, 18x18x12 ins., one each on line N., E., S. and W. of post, 3 ft. dist.

Thence, from this cor.;

North, on a true line along the E. bdy. of T. 18 S., R. 24 E., bet. secs. 31 and 36.

Asc. 45 ft. along the breaks of Westwater Wash, over general SW. slope, through dense short undergrowth.

4.30 Spur, projects W. approximately 4.00 chs. dist., thence S.; desc. 40 ft.

9.10 Draw, drains SW.; asc. 60 ft.

15.30 Leave breaks of Westwater Wash, bears SW. and westerly; over gently rolling bench.

34.80 Leave rolling land and continue over nearly level land to sec. cor.

Survey of the East Boundary of T. 18 S., R. 24 E.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 36 | S 31
 1924

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

47.00 Road bears N.30°W. to Larsen's ranches and S.30°E. to Cisco, Utah, on the Pike's Peak-Ocean to Ocean Highway.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked:

T18S
 R24E | R25E
 S25 | S30
 S36 | S31
 1924

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, rolling spurs and draws, putting W. and SW., on the breaks of Westwater Wash, S. 15.30 chs.; gently rolling and level bench, draining SE., N. 64.70 chs.

Soil, dark clay, about 4 ins. to 2 ft. deep, lying on shale, on the breaks of Westwater Wash; dark red sand and sandy loam, about 6 ins. to 1 ft. deep, lying on a gravelly, light, chalky formation, on bench; 1st. to 4th. rate.

Undergrowth, shadscale and salt brush.

Good grazing of buffalo grass on bench.

No timber.

North, bet. secs. 25 and 30.

Over nearly level bench land, through dense undergrowth.

24.60 Dry wash, 5 lks. wide, 2 ft. deep, drains SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 25. | S 30
 1924

Survey of the East Boundary of T. 18 S., R. 24 E.

Chains.

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

40.10 Dry wash, 10 lks. wide, 3 ft. deep, drains S.30°E.

72.70 Dry wash, 15 lks. wide, 3 ft. deep, drains S.30°W. about 10.00 chs. dist., thence S.30°E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked:

T18S	
R24E	R25E
S24	S19
S25	S30
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, nearly level bench, draining SE.

Soil, dark red sand and sandy loam, about 6 ins. to 1 ft. deep, lying on a gravelly, light, chalky formation; 1st. and 2nd. rate.

Undergrowth, short shadscale.

Good growth of buffalo grass, S. 20.00 chs.

No timber.

North, bet. secs. 19 and 24.

Over nearly level bench land, through dense salt brush and scattering shadscale.

10.00 Dry wash, 10 lks. wide, 4 ft. deep, drains S.10°W.

25.00 Leave salt brush, bears E. and W., and enter dense shadscale.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	
S 24	S 19
1924	

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

From this $\frac{1}{4}$ sec. cor., begin gradual ascent of 110 ft. over S. slope.

Survey of the East Boundary of T. 18 S., R. 24 E.

Chains.

49.60 Road bears NW. to Larsen's ranches and SE. to the Pike's Peak-Ocean to Ocean Highway.

78.30 Spur, slopes W. about 2.50 chs. dist.; desc. NW. slope 20 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked:

T18S	
R24E.	R25E.
S13	S18
S24	S19
1924	

and raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, level and gently rolling bench; shale and sandstone formation on N. 10.00 chs.; general drainage SE., S. $\frac{1}{2}$ mile; N. $\frac{1}{2}$ mile drains SW.

Soil, dark red sand and sandy loam, about 6 ins. to 1 ft. deep, lying on a gravelly, light, chalky formation, S. 70.00 chs.; 1st. and 2nd. rate; dark red sand and dark clay, about 1 ft. deep, lying on shale, on N. 10.00 chs.; 3rd. rate.

Undergrowth, salt brush and shadscale.

Good growth of buffalo grass on greater portion of N. 55.00 chs.

No timber.

North, bet. secs. 13 and 18.

Over rolling bench land, through dense short shadscale; desc. gradual NW. slope 5 ft.

1.30 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SW.; asc. abrupt S. slope 65 ft.

4.90 Top of abrupt ascent, bears E. and W.; leave shadscale, bears E. and W., and enter dense sagebrush and scattering yellow top; asc. gradually 10 ft. to $\frac{1}{4}$ sec. cor., over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Survey of the East Boundary of T. 18 S. R. 24 E.

Chains. the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 13 | S 18
 1924

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

45.00 Enter scattering timber.

53.50 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects E. approximately 4.00 chs. dist.; desc. gradually 25 ft. to sec. cor.

55.00 Leave timber.

80.00 On nearly level land, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked:

T18S
 R24E | R25E
 S12 | S7
 S13 | S18
 1924

from which,

A cedar limb, 9 ins. diam., bears N.48°W., 260 lks. dist., marked T 18 S R. 24 E S 12 B T.

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist., as there are no trees available in secs. 7, 13 and 18.

Land, level and rolling bench; drainage SW., S. 53.50 chs.; N. 26.50 chs. drains SE.; shale and sandstone formation, S. 4.90 chs.

Soil, light, clay, sandy loam, about $2\frac{1}{2}$ ft. deep, lying on a blue shale, S. 4.90 chs.; 2nd. and 3rd. rate; red sandy loam, about 20 to 30 ins. deep, lying on a light, gravelly, sandy, chalky subsoil, N. 75.10 chs.; 1st. and 2nd. rate.

Timber, a few scattering cedar; patches of cedar a short distance W. of line on N. $\frac{1}{2}$ mile.

Undergrowth, sagebrush, shadscale and yellow top.

Good grazing of buffalo grass on entire mile.

Survey of the East Boundary of T. 18 S., R. 24 E.

Chains.

North, bet. secs. 7. and 12.

Over rolling bench land, through dense undergrowth;
desc. gradually 15 ft. along general E. slope.

10.10 Dry wash, 30 lks. wide, 8 ft. deep, in the bottom of
swale, draining SE.; asc. gradually 55 ft. to $\frac{1}{4}$ sec.
cor., along general E. slope.

14.00 Dry wash, 20 lks. wide, 7 ft. deep, drains S. 60° E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

	$\frac{1}{4}$	
S 12	|	S. 7
	1924	

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

48.50 Spur, from NW., projects E., 30 ft. above $\frac{1}{4}$ sec. cor.;
desc. 15 ft. along general E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 1, 6, 7 and 12, with
brass cap marked:

T18S	
R24E	R25E
S1	S6
S12	S7
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post., 3 ft. dist.

Land, gently rolling bench, draining generally to the SE.

Soil, dark red sandy loam, about 20 to 30 ins. deep, ly-
ing on a gravelly, light sandy, chalky subsoil; 1st.
and 2nd. rate.

Undergrowth, sagebrush.

Good growth of buffalo grass.

No timber.

North, bet. secs. 1 and 6.

Over rolling bench land, through dense undergrowth; desc.
gradually 10 ft. along general E. slope.

1.90 Dry wash, 15 lks. wide, 4 ft. deep, drains E.

Survey of the East Boundary of T. 18 S., R. 24 E.

Chains.

5.20 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of swale, draining SE.; asc. gradually 35 ft. along general E. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 1	S 6
1924	

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

56.00 Low ridge, 30 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradually 15 ft. to witness cor. of Tps. 17 and 18 S., Rs. 24 and 25 E.

75.00 Leave dense sagebrush, bears NW. and SE., and enter dense greasewood.

79.00 On level land, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for witness cor. of Tps. 17 and 18 S., Rs. 24 and 25 E., with brass cap marked:

WC	
T17S	
R24E	R25E
S36	S31
S1	S6
T18S	
1924	

and raise a mound of stone, 4 ft. base, 3 ft. high, S. of cor.

80.00 True point for cor. of Tps. 17 and 18 S., Rs. 24 and 25 E., falls on the SW. bank of Bryson Wash, 80 lks. wide, 5 ft. deep, draining SE. I do not set an iron post at this point as it is apt to be washed out by high water from cloud bursts.

Land, level and rolling bench, draining generally to the SE.

Soil, red sandy loam, about 20 to 30 ins. deep, lying on a gravelly, light sandy, chalky subsoil, on S. 60.00 chs.; 1st. and 2nd. rate; red sandy loam several ft. deep, on the N. 20.00 chs.; 1st. rate.

Survey of the East Boundary of T. 18 S., R. 24 E.

Chains.

Undergrowth, sagebrush and greasewood.

Good growth of buffalo grass.

No timber.

Resurvey of the South ^{Independent} Boundary of T. 18 S., R. 24 E.

From the cor. of Tps. 18 and 19 S., Rs. 24 and 25 E.,
hereinbefore described,

West, on a random line for alinement only, along the S.
bdy. of T. 18 S., R. 24 E. This line falls N. 5.90
chs. dist. from the cor. of Tps. 18 and 19 S., Rs. 23
and 24 E., hereinafter described; therefore, I estab-
lish the random as the true line.

Thence, from the cor. of Tps. 18 and 19 S., Rs. 24 and
25 E.,

West, on a true line along the S. bdy. of T. 18 S., R.
24 E., bet. secs. 1 and 36.

Over rolling land, across the bottom of Westwater Wash,
through scattering shadscale; asc. gradual E. slope
20 ft.

4.10 Spur, projects S. about 2.00 chs. dist.; desc. W. slope
75 ft.

11.40 Leave rolling land at the base of descent, bearing N.
and S.; over level bottom land.

11.60 Leave shadscale and enter dense greasewood, bears N. and
S.

13.80 East bank of water channel, 8 ft. high, bears N.10°E.
and S.10°W.

14.20 Westwater Creek, water clear but alkaline,, 10 lks. wide,
8 ins. deep, course S.10°W.

17.60 Recross Westwater Creek, course NE.

26.20 Recross same creek, course S.15°E.

27.10 West bank of water channel, 7 ft. high, bears N.15°W.
and S.15°E.

32.10 Leave greasewood, bears N. and S., and enter a medium
growth of short shadscale.

Independent Resurvey of the South Boundary of T. 18 S., R. 24 E.

- Chains.
37.10 Leave bottom land, bears N. and S.; begin ascent of 25 ft. over general E. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- | |
|---------------|
| S 36 |
| $\frac{1}{4}$ |
| S 1 |
| 1924 |
- and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- From this $\frac{1}{4}$ sec. cor., the old $\frac{1}{4}$ sec. cor. of the original survey, which is a sandstone, 14x10x3 ins., marked $\frac{1}{4}$ on one face, and lying on top of ground, bears N.63°54'W. 0.55 chs. dist. I destroy this cor. and deposit it as a memorial at the base of the iron post.
- 43.20 W. rim of breaks of Westwater Wash or E. edge of bench, 40 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; over nearly level top.
- 50.50 Leave bench, bears N. and S.; desc. 90 ft. over W. slope.
- 59.00 Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of hollow, drains S.; asc. NE. slope 95 ft.
- 63.70 Old road bears NW. and SE.
- 75.40 Ridge, bears N.15°W. and S.15°E.; desc. 15 ft. to
- 80.00 At the base of descent, bearing NW. and SE., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked:

T18S	R24E
S35	S36
S2	S1
T19S	
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

After diligent search, I am unable to find any trace of the sec. cor. of the original survey.

Land, level and rolling across Westwater Wash, draining S., E. 43.20 chs.; rolling or bad lands, draining SE. to Westwater Wash, W. 36.80 chs.; shale and sandstone formation.

Independent Resurvey of the South Boundary of T. 18 S., R. 24 E.Chains.

Soil, dark clay about 4 ins. to 1 ft. deep, lying on shale, on the rolling land and bad lands; 4th. rate; dark sandy loam or sandy clay loam several ft. deep, on the level bottom land of Westwater Wash; 1st. and 2nd. rate.

Undergrowth, shadscale and greasewood.

Scattering to a fair growth of salt grass and buffalo grass.

✓ No timber.

West, bet. secs. 2 and 35.

Over gently rolling land, through medium dense undergrowth; desc. gradual SW. slope 30 ft.

20.00 Dry wash, 25 lks. wide, 3 ft. deep, in the bottom of swale, drains SE.; asc. gradual NE. slope 60 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 35
$\frac{1}{4}$
S 2
1924

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

From this cor., the $\frac{1}{4}$ sec. cor. of the original survey, which is a wooden post, 3 ins. square, $1\frac{1}{2}$ ft. long, marked $\frac{1}{4}$ S on one face and lying on top of ground, bears N. 61° 30' W. 1.02 chs. dist. I destroy this cor.

57.70 Ridge, 140 ft. above $\frac{1}{4}$ sec. cor., bears N. 20° W. and S. 20° E.; desc. SW. slope 60 ft.

66.90 Draw, drains SW.; asc. 30 ft.

73.90 Spur, projects SW.; desc. abrupt NW. slope 65 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked:

T18S	R24E
S34	S35
S3	S2
T19S	
1924	

Independent Resurvey of the South Boundary of T. 18 S. R. 34 E.

Chains.

At the base of the monument, I deposit a sandstone, 10x8x1 ins., marked with a cross (X). Other accessories impracticable.

After diligent search, I am unable to find any evidence of the sec. cor. of the original survey.

Land, gently rolling and rolling bad lands, draining generally SE. to Westwater Wash; shale and sandstone formation.

Soil, dark clay about 3 ins. to several ft. deep, lying on shale; 4th. rate.

Undergrowth, shadscale and salt brush.

Scattering growth of buffalo grass.

No timber.

West, bet. secs. 3 and 34.

Over rolling land, through scattering short undergrowth; desc. abrupt NW. slope 10 ft.

0.30 Draw, drains SW.; asc. 35 ft.

3.00 Spur, projects SW. approximately 8.00 chs. dist.; desc. 75 ft.

10.00 E. bank of dry wash; 5 ft. high, bears N.10°W. and S.10°E., in the bottom of hollow, draining S.10°E.

18.00 W. bank of the wash, 5 ft. high, bears N.10°W. and S.10°E.; asc. NE. slope 70 ft.

32.20 Ridge, bears N.10°W. and S.10°E.; desc. gradual SW. slope 20 ft. to

40.00 Set an iron post; 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked:

S 34
 $\frac{1}{4}$
S 3
1924

At the base of the monument, I deposit a sandstone, 7x6x1 ins., marked with a cross (X). Other accessories impracticable.

After diligent search, I am unable to find any trace of the $\frac{1}{4}$ sec. cor. of the original survey.

Independent Resurvey of the South Boundary of T. 18 S., R. 24 E.

Chains.
 45.00 Draw, 30 ft. below $\frac{1}{2}$ sec. cor., drains SW.; asc. 45 ft.
 59.70 Spur, projects SW. approximately 7.00 chs. dist.; desc.
 25 ft.
 64.70 Draw, drains S.; asc. 40 ft.
 67.60 Spur, projects S. approximately 7.00 chs. dist.; desc.
 15 ft.
 70.50 Draw, drains S.; asc. 15 ft.
 75.00 Spur, projects S. approximately 6.00 chs. dist.; desc.
 W. slope 25 ft. to
 80.00 At the base of descent, set an iron post, 3 ft. long, 2
 ins. in diam., 27 ins. in the ground, for cor. of
 secs. 3, 4, 33 and 34, with brass cap marked:

T18S	R24E
S33	S34
S4	S3
T19S	
1924	

and raise a mound of stone, 4 ft. base, 3 ft. high, W.
 of cor.

After diligent search, I am unable to find any evidence
 of the sec. cor. of the original survey.

Land, rolling bad lands, draining S., SE. and SW. to
 Sulphur Wash; shale and sandstone exposed in the form
 of outcroppings.

Soil, dark clay or sandy clay loam, about 3 ins. to 1
 ft. deep, on spurs and ridges, and about 1 to 5 ft.
 deep, in the bottoms of draws and hollows, lying on
 shale; 3rd. and 4th. rate.

Undergrowth, scattering to a medium growth of shadscale
 and salt brush.

Fair growth of buffalo grass.

No timber.

Survey of the South Boundary of T. 18 S., R. 24 E.

West, bet. secs. 4 and 33.

Over rolling land, through a medium growth of short
 shadscale and yellow top; desc. gradually 5 ft.

0.90 Dry wash, 25 lks. wide, 2 ft. deep, in the bottom of

Survey of the South Boundary of T. 18 S. R. 24 E.

Chains.

- hollow, draining SE.; asc. NE. slope 40 ft.
- 5.80 Ridge, bears N.10°W. and S.10°E.; desc. 20 ft.
- 7.00 Base of descent, bears NW. and SE.; over level bottom land.
- 7.20 Leave undergrowth of shadscale and yellow top, bears NW. and SE., and enter dense greasewood.
- 15.60 Sulphur Wash, dry, 50 lks. wide, 8 ft. deep, drains S.15°E.
- 35.80 Recross Sulphur Wash, 60 lks. wide, 10 ft. deep, drains N. about 1.00 chs. dist., thence easterly.
- 36.20 Leave bottom land, bears NE. and SW.; leave greasewood and enter dense short shadscale, bears NE. and SW.; asc. 15 ft. to
4. On the point of spur, from NW., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- S 33

S 4

1924
- and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
45. Base of descent or foot of spur, 15 ft. below $\frac{1}{4}$ sec. cor. bears NW. and SE.; leave shadscale and enter dense greasewood, bears NW. and SE.; over level bottom land.
- 55.00 Recross Sulphur Wash, 100 lks. wide, 5 ft. deep, drains SE.
- 60.00 Recross Sulphur Wash, 110 lks. wide, 6 ft. deep, drains NE.
- 68.50 Recross Sulphur Wash, 120 lks. wide, 8 ft. deep, drains SE.
- 75.00 Leave bottom land, bears NW. and SE.; leave greasewood and enter a medium growth of short shadscale and yellow top, bears NW. and SE.; asc. NE. slope 15 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked:

Survey of the South Boundary of T. 18 S., R. 24 E.

Chains.

T18S	R24E
S32	S33
S5	S4
T19S	
1924	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling, and level bottom land of Sulphur Wash, draining generally to the SE.; outcroppings of shale and sandstone formation.

Soil, dark clay and sandy clay loam, about 3 ins. to 1 ft. deep, lying on shale, on ridges and spurs; 3rd. and 4th. rate; sandy clay loam several ft. deep, on the level bottom land; 2nd. rate.

Undergrowth, greasewood, shadscale and yellow top.

Fair growth of buffalo grass on slopes.

✓ No timber.

West, bet. secs. 5 and 32.

Asc. NE. slope 25 ft., through a medium dense growth of short shadscale and yellow top.

1.90 Edge of bench, bears northwesterly and southeasterly; desc. gradually 15 ft., over rolling top.

17.70 Draw, drains N.10°E. about 10.00 chs. dist. to Sulphur Wash; asc. gradually 65 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	S 32
	S 5
	1924

and raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

49.90 Leave rolling top of bench, 75 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; precipitous ascent of 115 ft. over NE. slope of reef.

52.00 Top of nearly perpendicular ledge or rim of reef, 20 ft. high, bears N.15°E. and S.15°W.; desc. gradually 75 ft. to sec. cor., over top of reef.

Survey of the South Boundary of T. 18 S., R. 24 E.

Chains.

- 57.00 Enter a medium growth of timber, bears NW. and SE.;
enter scattering sagebrush.
- 79.00 Leave timber, bears NE. and SW.; enter dense sagebrush,
bears N. and S.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 5, 6, 31 and 32, with
brass cap marked:

T18S	R24E
S31	S32
S6	S5
T19S	
1924	

from which,

A cedar, 4 ins. diam., bears N.63°45'E., 70
lks. dist., marked T 18 S R 24 E S 32 B T.

A cedar limb, 4 ins. diam., bears S.61°E., 89
lks. dist., marked T 19 S R 24 E S 5 B T.

A cedar, 12 ins. diam., bears S.18°45'W., 261
lks. dist., marked T 19 S R 24 E S 6 B T.

A cedar, 12 ins. diam., bears N.41°45'W., 195
lks. dist., marked T 18 S R 24 E S 31 B T.

Land, gently rolling bench, E. 49.90 chs.; abrupt NE.
slope and top of reef, W. 30.10 chs.; drainage NE. to
Sulphur Wash; sandstone and shale formation.

Soil, dark clay or a sandy clay, about 6 ins. to 18 ins.
deep, lying on shale or on bedrock; 2nd. to 4th. rate.

Undergrowth, shadscale, sagebrush and yellow top.

Fair growth of buffalo grass on greater portion of mile.

Timber, cedar.

West, bet. secs. 6 and 31.

Desc. gradual W. slope 20 ft., over rolling top of reef,
through dense sagebrush, shadscale, yellow top and
black brush.

8.10 Swale, drains S.10°W.; asc. E. slope gradually 40 ft.

10.00 Leave sagebrush, bears N. and S.

15.20 Leave black brush, bears N. and S.

16.50 Old road bears NE. and SW.

Survey of the South Boundary of T. 18 S., R. 24 E.

Chains.	
36.50	Spur, projects S.; desc. 10 ft.
37.50	Enter scattering timber.
39.50	Draw, drains S.10°W.; asc. SE. slope 10 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div><div>S 31</div><div>$\frac{1}{4}$</div><div>S. 6</div><div>1924</div></div>
	from which,
	A cedar limb, 4 ins. diam., bears N.49°45'W., 219 lks. dist., marked $\frac{1}{4}$ S 31 B T.
	A cedar, 8 ins. diam., bears S.39°45'E., 307 lks. dist., marked $\frac{1}{4}$ S 6 B T.
48.90	Spur, 25 ft. above $\frac{1}{4}$ sec. cor., projects S.25°E.; desc. 40 ft.
56.00	Dry wash, 40 lks. wide, 3 ft. deep, in the bottom of hollow, drains SE. about 1.00 chs. dist., thence N.80°E. approximately 3.00 chs. dist., thence SE.; asc. NE. slope 50 ft.
60.00	Spur, projects NW. about 3.00 chs. dist.; desc. 15 ft.
66.10	Draw, drains NE.; leave top of reef, begin abrupt ascent of 105 ft. over E. slope.
78.60	Spur, projects N. approximately 6.00 chs. dist.; desc. W. slope 25 ft. to
83.30	Intersect the E. bdy. of T. 18 S., R. 23 E. North 5.90 chs. dist. from the cor. of Tps. 18 and 19 S., Rs. 23 and 24 E., which is an iron post, 3 ins. in diam., extending 20 ins. above ground, firmly set in a mound of stone, 3 ft. base, 1 ft. high, correctly marked and witnessed by four bearing trees, one in each sec. I destroy the markings on the iron post and trees, pertaining to R. 24 E., and at the point of intersection of the range line bet. 23 and 24 E., extended N., set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 10 ins. high, for cor. of

Survey of the South Boundary of T. 18 S., R. 24 E.

Chains.

Tps. 18 and 19 S., R. 24 E., with brass cap marked:

	T18S
T18S	R24E
	S31
R23E	S6
S36	T19S
	1924

from which,

A cedar limb, 5 ins. diam., bears N.46°45'E., 150
lks. dist., marked T 18 S R 24 E S 31 B T.

A cedar limb, 10 ins. diam., bears S.4°E., 91
lks. dist., marked T 19 S R 24 E S 6 B T.

Land, rolling top of reef, draining SW., E. 66.10 chs.;
rough mountainous, draining generally to the SE., W.
17.20 chs.; outcroppings of shale and sandstone for-
mation.

Soil, dark clay or red sandy clay loam, about 3 ins. to
4 ft. deep, lying on shale or on bedrock; 3rd. rate.

Timber, scattering cedar.

Undergrowth, sagebrush, shadscale, black brush and
yellow top.

Fair growth of buffalo grass..

Survey of the West Boundary of T. 18 S., R. 24 E.

From the cor. of Tps. 18 and 19 S., R. 23 E., hereinbe-
fore described,

North, on a true line along the E. bdy. of T. 18 S., R.
23 E., on the E. bdy. of sec. 36.

Over rough mountainous land, through scattering timber
and undergrowth; desc. abrupt NW. slope 135 ft.

5.90 Intersect the cor. of Tps. 18 and 19 S., R. 24 E., here-
inbefore described, 110 ft. below cor. of Tps. 18 and
19 S., R. 23 E.

8.30 Draw, drains NE.; asc. 10 ft.

9.70 Point of low spur, from SW.; leave timber; desc. 10 ft.

12.20 Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of
gulch, drains SE.; abrupt ascent of 110 ft.

16.90 Top of broken and nearly perpendicular ledge, 25 ft.

Survey of the West Boundary of T. 18 S., R. 24 E.

- Chains.** high, bears NW. and SE.
- 17.30 Spur, projects S.70°E. approximately 8.00 chs. dist.;
desc. 110 ft.
- 24.70 Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of
canyon, drains SE.; asc. abruptly 140 ft.
- 25.00 Enter scattering timber.
- 39.00 Spur, projects southeasterly approximately 25.00 chs.
dist.; desc. NE. slope gradually 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., of sec. 36 only, with
brass cap marked:
- $$\begin{array}{c} \text{S } 36. \frac{1}{4} \\ | \\ 1924 \end{array}$$
- from which,
- A cedar limb, 3 ins. diam., bears S.11°30'W., 49
lks. dist., marked B T.
- A cedar, 14 ins. diam., bears N.51°45'W., 65
lks. dist., marked $\frac{1}{4}$ S 36 B T.
- 44.50 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of
gulch, 40 ft. below $\frac{1}{4}$ sec. cor. of sec. 36, drains SE.;
asc. general SE. slope 20 ft. to
- 45.90 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground to solid rock, and in a mound of stone, 4
ft. base, 10 ins. high, for $\frac{1}{4}$ sec. cor., of sec. 31
only, with brass cap marked:
- $$\begin{array}{c} \frac{1}{4} \text{ S } 31 \\ | \\ 1924 \end{array}$$
- At the base of the monument, I deposit a sandstone,
8x4x2 ins., marked with a cross (X). All trees within
a reasonable distance are too scrubby for marking.
- From this $\frac{1}{4}$ sec. cor., begin abrupt ascent of 270 ft.
over large boulders, outcroppings and series of ledges,
10 to 30 ft. high, bearing N.80°E. and S.80°W.
- 46.30 Leave timber.
- 54.30 Spur, projects southwesterly approximately 15.00 chs.
dist.; leave series of ledges, bears NE. and SW.; desc.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

- abruptly 170 ft.
- 62.70 Ravine, drains SW.; precipitous ascent of 110 ft.
- 66.40 Spur, projects SW. approximately 8.00 chs. dist.; desc. 15 ft.
- 69.40 Draw, drains SW. about 5.00 chs. dist. to ravine, draining S.; abrupt ascent of 90 ft.
- 72.80 Spur, projects SW. approximately 5.00 chs. dist.; desc. 10 ft.
- 77.80 Head of draw, drains SW.; asc. SW. slope 35 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 14 ins. high, for cor. of secs. 25 and 36, only, with brass cap marked:

T18S	T18S
S25	
S36	R24E
R23E	S31
1924	

At the base of the monument, I deposit a sandstone, 8x5x1 ins., marked with a cross (X).

Land, abrupt and rough mountainous with outcroppings, boulders, and broken and perpendicular ledges of shale and sandstone formation; general drainage SE.

Soil, red sand or a red sandy loam, about 3 ins. to 4 ft. deep, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top and greasewood.

Good growth of grass on portions of mile.

North, along the E. bdy. of sec. 25.

Asc. abrupt rough SW. slope 125 ft., through scattering undergrowth.

- 4.30 Ridge, bears NW. and SE.; desc. NE. slope gradually 30 ft. to

- 5.90 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 30 and 31, only, with brass cap marked:

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

T18S	T18S
R23E	S30
S25	S31
	R24E

1924

from which,

A cedar, 7 ins. diam., bears N.10°45'E., 95
lks. dist., marked T 18 S R 24 E S 30 B T.

A cedar limb, 6 ins. diam., bears S.69°30'E., 178
lks. dist., marked T 18 S R 24 E S 31 B T.

- 6.50 Enter scattering timber.
- 15.50 Draw, 230 ft. below cor. of secs. 30 and 31, drains NE.;
asc. 60 ft.
- 23.40 Spur, projects N.60°E. approximately 20.00 chs. dist.;
abrupt descent of 295 ft.
- 35.80 Draw, drains NE. about 10.00 chs. dist. to Sulphur Can-
yon; asc. 35 ft.
- 38.00 Spur, projects N.70°E. approximately 8.00 chs. dist.;
desc. general NE. slope 20 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., of sec. 25 only, with
brass cap marked:

S 25	$\frac{1}{4}$
------	---------------

1924

from which,

A cedar limb, 4 ins. diam., bears S.49°30'W., 85
lks. dist., marked $\frac{1}{4}$ S 25 B T.

A cedar limb, 3 ins. diam., bears N.14°30'W., 25
lks. dist., marked B T.

- 45.90 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in
the ground to solid rock, and in a mound of stone, 3
ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., of sec. 30,
only, with brass cap marked:

$\frac{1}{4}$ S 30

1924

from which,

A cedar, 8 ins. diam., bears N.84°E., 103
lks. dist., marked $\frac{1}{4}$ S 30 B T.

At the base of the monument, I deposit a sandstone,

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

8x4x1 ins., marked with a cross (X), as there are no other trees available suitable for marking.

This cor. is located 35 ft. below the $\frac{1}{4}$ sec. cor. of sec. 25.

46.10 Top of broken and nearly perpendicular ledge, 10 ft. high, bears E. and W.

46.60 Dry wash, 40 lks. wide, 3 ft. deep, in the bottom of Sulphur Canyon, 35 ft. below the $\frac{1}{4}$ sec. cor. of sec. 30, drains SE.; asc. abrupt S. slope 20 ft.

49.50 Spur, projects E. about 1.00 chs. dist.; desc. 10 ft.

51.70 Ravine, from NE., drains S. 10° E.; abrupt ascent of 355 ft. over rough SW. slope.

62.30 Top of broken ledge, 20 ft. high, bears NE. and SW.

66.60 Top of broken ledge, 30 ft. high, bears NE. and SW.

67.70 Spur, projects SW.; desc. rugged NW. slope 20 ft.

77.60 Draw, drains SW.; asc. rough general SW. slope 35 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 20 ins. high, for cor. of secs. 24 and 25, only, with brass cap marked:

T18S	T18S
S24	R24E
S25	S30
R23E	
1924	

from which,

A cedar limb, 8 ins. diam., bears S. 37° 45' W., 228 lks. dist., marked T 18 S R 23 E S 25 B T.

All trees available in sec. 24 are too scrubby for marking; therefore, at the base of the monument, I deposit a sandstone, 10x4x2 ins., marked with a cross (X).

Land, steep and rough mountainous with boulders, outcroppings, and broken and perpendicular ledges of shale and sandstone formation; drainage SW., S. 4.30 chs.; N. 75.70 chs. drain generally SE. by Sulphur Canyon.

Soil, red sand or red sandy loam, about 3 ins. to 3 ft. deep, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

Timber, cedar and pinon pine.

Undergrowth, shadscale and yellow top.

Fair growth of grass on greater portion of mile.

North, along the E. bdy. of sec. 24.

Asc. abruptly over rough general SW. slope, through scattering timber and medium dense undergrowth of shadscale and yellow top.

1.60 Top of nearly perpendicular ledge, 15 ft. high, bears W. and E. about 1.00 chs. dist., thence SE.

5.90 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 14 ins. high, for cor. of secs. 19 and 30, only, with brass cap marked:

T18S	T18S
R23E	S19
	S30
S24	R24E
	1924

from which,

A cedar limb, 4 ins. diam., bears N.31°15'E., 214 lks. dist., marked T 18 S R 24 E S 19 B T.

A cedar, 12 ins. diam., bears S.29°45'E., 70 lks. dist., marked T 18 S R 24 E S 30 B T.

This cor. is located 50 ft. above the cor. of secs. 24 and 25.

12.50 Spur, 105 ft. above the cor. of secs. 19 and 30, projects S.60°W. approximately 20.00 chs. dist.; desc. 50 ft.

17.20 Draw, drains SW.; asc. 80 ft.

22.30 Spur, projects S.60°W. approximately 12.00 chs. dist.; desc. 90 ft.

28.50 Ravine, drains S.60°E. about 8.00 chs. dist., thence S.20°E.; asc. 230 ft.

37.30 Spur, projects S.70°W. about 7.00 chs. dist., then forks SE., NW. and S.70°W.; desc. NW. slope 65 ft. to

40.00 True point for $\frac{1}{4}$ sec. cor. of sec. 24, falls in the bottom of a shallow wash, 20 lks. wide, in draw, draining W. about 7.00 chs. dist., thence NW.; impracticable to

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

set an iron post at this point; asc. S. slope 5 ft. to

- 40.50 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 28 ins. high, for witness $\frac{1}{4}$ sec. cor., of sec. 24, only, with brass cap marked:

S 24 $\frac{1}{4}$
WC
1924

from which,

A cedar, 10 ins. diam., bears S.37°30'W., 29 lks. dist., marked W C $\frac{1}{4}$ S 24 B T.

A cedar limb, 5 ins. diam., bears N.73°45'W., 123 lks. dist., marked W C $\frac{1}{4}$ S 24 B T.

- 45.90 True point for $\frac{1}{4}$ sec. cor. of sec. 19, falls on top of a broken ledge, 6 ft. high, bearing N.20°W. and S.20°E., where it is impracticable to set an iron post. But, at the true point, I chisel X $\frac{1}{4}$ S 19 into the bedrock. This point is located 115 ft. above the witness $\frac{1}{4}$ sec. cor. of sec. 24.

- 48.70 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 26 ins. high, for witness $\frac{1}{4}$ sec. cor. of sec. 19, only, with brass cap marked:

$\frac{1}{4}$ S 19
W C

1924

from which,

A pinon pine, 14 ins. diam., bears N.37°15'E., 145 lks. dist., marked W C $\frac{1}{4}$ S 19 B T.

A pinon pine, 8 ins. diam., bears S.54°30'E., 50 lks. dist., marked W C $\frac{1}{4}$ S 19 B T.

This witness $\frac{1}{4}$ sec. cor. is located 30 ft. above the true point for $\frac{1}{4}$ sec. cor. of sec. 19.

- 49.00 Spur, 30 ft. above the witness $\frac{1}{4}$ sec. cor., of sec. 19, projects W. approximately 12.00 chs. dist.; desc. abruptly. 275 ft.

- 61.80 Rugged ravine, drains SW.; abrupt ascent of 505 ft. over

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

large boulders, outcroppings, and series of broken and perpendicular ledges, 10 to 40 ft. high, bearing NE. and SW., on SE. slope.

70.00 Perpendicular ledge, 40 ft. high, bears E. and W.

72.00 Perpendicular ledge, 50 ft. high, bears NE. and SW.

72.20 Spur, projects SW. approximately 25.00 chs. dist.; precipitous descent of 215 ft. over rough NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13 and 24, only, with brass cap marked:

T18S	T18S
S13	R24E
S24	S19
R23E	
1924	

from which,

A pinon pine limb, 6 ins. diam., bears S.62°W., 52 lks. dist., marked T 18 S R 23 E S 24 B T.

A cedar, 4 ins. diam., bears N.11°W., 68

lks. dist., marked T 18 S R 23 E S 13 B T.

Land, steep and rough mountainous, draining generally SW. to Sulphur Canyon; shale and sandstone formation.

Soil, red sand and red sandy loam, about 3 ins. to 2 ft. deep, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, scattering to a medium growth of cedar and pinon pine.

Undergrowth, shadscale and yellow top.

Scattering to a medium growth of grass.

North, along the E. bdy. of sec. 13.

Desc. abrupt rough NW. slope 15 ft., through scattering timber and undergrowth.

0.40 Draw, drains W.; asc. 10 ft.

3.00 Spur, projects W.; desc. 50 ft. to

5.90 True point for cor. of secs. 13 and 24, falls in bottom of wash, 20 lks. wide, 6 ft. deep, in draw, draining W.; impracticable to set the iron post at this point.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

7.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 14 ins. high, for witness cor. of secs. 18 and 19, with brass cap marked:

T18S	T18S
R23E.	S18
S13	S19
	R24E
WC	
1924	

At the base of the monument, I deposit a sandstone, 10x8x1 ins., marked with a cross (X). Other accessories impracticable.

This witness cor. stands on a general W. slope, 20 ft. above the true point for cor. of secs. 18 and 19.

13.50 Spur, 45 ft. above the witness cor. of secs. 18 and 19, projects W. approximately 8.00 chs. dist.; desc. 20 ft.

18.00 Draw, drains SW.; precipitous ascent of 425 ft. over large boulders, outcroppings, and series of broken and perpendicular ledges, 10 ft. to 30 ft. high, bearing N.70°W. and S.70°E., on SW. slope.

23.40 Top of abrupt ascent or rim of bench, bears E. and W.; leave boulders, outcroppings and series of ledges, bear E. and W.; enter heavy timber, bears E. and W.; desc. gradually 10 ft. to $\frac{1}{4}$ sec. cor. of sec. 13, over gently rolling top of bench.

27.50 Enter a medium growth of sagebrush, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 21 ft. high, for $\frac{1}{4}$ sec. cor., of sec. 13, only, with brass cap marked:

S 13 $\frac{1}{4}$
1924

from which,

A pinon pine, 9 ins. diam., bears S.20°15'W., 38 lks. dist., marked $\frac{1}{4}$ S 13 B T.

A pinon pine, 8 ins. diam., bears N.47°W., 48 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

45.90 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 26 ins. high, for $\frac{1}{4}$ sec. cor., of sec. 18, only, with brass cap marked:

$\frac{1}{4}$ S. 18

1924

from which,

A pinon pine, 5 ins. diam., bears N.42°E., 15 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A pinon pine, 6 ins. diam., bears S.22°15'E., 45 lks. dist., marked $\frac{1}{4}$ S 18 B T.

This cor. is located 10 ft. below the $\frac{1}{4}$ sec. cor. of sec. 13.

73.90 Draw, 90 ft. below $\frac{1}{4}$ sec. cor. of sec. 18, drains N.25°W.; asc. gradually 10 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 12 and 13, only, with brass cap marked:

T18S	T18S
S12	
S13	R24E
R23E	S18

1924

from which,

A cedar, 9 ins. diam., bears S.52°45'W., 6 lks. dist., marked T 18 S R 23 E S 13 B T.

A cedar, 7 ins. diam., bears N.50°30'W., 25 lks. dist., marked T 18 S R 23 E S 12 B T.

Land, rough mountainous, draining SW. to Sulphur Canyon, S. 33.40 chs.; gently rolling bench, draining NW. to Dry Canyon, N. 46.60 chs.; shale and sandstone formation.

Soil, red sand and red sandy loam, about 3 ins. to $1\frac{1}{2}$ ft. deep, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

✓ Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush and yellow top.

Fair growth of grass.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

North, along the E. bdy. of sec. 12.

Desc. gradually 10 ft. over gently rolling bench,
through heavy timber and medium dense undergrowth.3.60 N. edge of bench, bears E. and W.; desc. abrupt rough
NW. slope 75 ft. to5.90 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins.
in the ground to solid rock, and in a mound of stone,
5 ft. base, 2 ft. high, for cor. of secs. 7 and 18,
only, with brass cap marked:

T18S	T18S
R23E	S7
S12	S18
	R24E
	1924

from which,

A cedar, 4 ins. diam., bears N.6°E., 119

lks. dist., marked T 18 S R 24 E S 7 B T.

A pinon pine, 4 ins. diam., bears S.54°E., 49

lks. dist., marked T 18 S R 24 E S 18 B T.

6.00 Top of broken ledge, 30 ft. high, bears NW. and SE.

15.70 Ravine, 395 ft. below cor. of secs. 7 and 18, drains E.
about 1.00 chs. dist., thence N.30°E.; asc. 40 ft.33.50 Spur, projects N.80°E. approximately 7.00 chs. dist.;
desc. abrupt N. slope 205 ft. to40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground to solid rock, and in a mound of stone, 4
ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., of sec. 12,
only, with brass cap marked:S 12 $\frac{1}{4}$

1924

from which,

A cedar, 10 ins. diam., bears S.38°45'W., 81

lks. dist., marked $\frac{1}{4}$ S 12 B T.

A cedar limb, 6 ins. diam., bears N.75°W., 25

lks. dist., marked $\frac{1}{4}$ S 12 B T.41.40 Draw, 40 ft. below $\frac{1}{4}$ sec. cor. of sec. 12, drains NE.;
asc. 10 ft.

42.60 Spur, projects E. approximately 2.00 chs. dist.; desc.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

N. slope 25 ft. to

- 45.70 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., of sec. 7, only, with brass cap marked:

W C
|
 $\frac{1}{4}$ S 7
1924

from which,

A cedar limb, 6 ins. diam., bears N. $47^{\circ}30'E.$, 74 lks. dist., marked W C $\frac{1}{4}$ S 7 B T.

A cedar, 4 ins. diam., bears S. $80^{\circ}30'E.$, 102 lks. dist., marked W C $\frac{1}{4}$ S 7 B T.

- 45.90 True point for $\frac{1}{4}$ sec. cor. of sec. 7, falls on S. edge of dry wash, 50 lks. wide, 4 ft. deep, in the bottom of Dry Canyon, 10 ft. below the witness $\frac{1}{4}$ sec. cor. of sec. 7, draining SE. about 5.00 chs. dist., thence easterly; impracticable to set an iron post at the true point, owing to high water from cloud bursts; asc. abrupt SW. slope 200 ft. over large boulders, outcroppings, and broken and perpendicular ledges, 10 to 25 ft. high, bearing NW. and SE.

- 56.00 Spur, projects W. approximately 4.00 chs. dist.; leave boulders and ledges, bear E. and W.; desc. 40 ft.
- 59.20 Draw, drains SW.; asc. 160 ft.
- 64.20 Spur, projects S. $60^{\circ}W.$; desc. 40 ft.
- 66.70 Draw, drains SW.; asc. abrupt general SW. slope 130 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 14 ins. high, for cor. of secs. 1 and 12, only, with brass cap marked:

T18S | T18S
S1 |
S12 | R24E
R23E | S7
1924

from which,

A cedar, 3 ins. diam., bears S. $32^{\circ}30'W.$, 19 lks. dist., marked B T.

A pinon pine, 14 ins. diam., bears N. $45^{\circ}15'W.$, 55 lks. dist., marked T 18 S R 23 E S 1 B T.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

Land, gently rolling bench, S. 3.60 chs.; abrupt rough sides of Dry Canyon, N. 76.40 chs.; shale and sandstone formation; drainage NE. and SW. to Dry Canyon, thence easterly.

Soil, red sand and red sandy loam, about 3 ins. to 4 ft. deep, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.

Timber, varies from a medium to a heavy growth of cedar and pinon pine.

Undergrowth, varies from a scattering to a medium dense growth of shadscale, mountain rush and sagebrush.

Excellent grazing on portions of S. half mile; fair growth of grass on N. half mile.

North, along the E. bdy. of sec. 1.

Asc. abrupt rough SW. slope 110 ft., through a medium growth of timber and scattering undergrowth.

4.60 Spur, projects S.70°W. approximately 7.00 chs. dist.; desc. N. slope 20 ft. to

5.90 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 10 ins. high, for cor. of secs. 6 and 7, only, with brass cap marked:

T18S	T18S
R23E	S6
S1	S7
	R24E
	1924

from which,

A pinon pine, 12 ins. diam., bears N.66°15'E., 98 lks. dist., marked T 18 S R 24 E S 6 B T.

A pinon pine, 5 ins. diam., bears S.38°15'E., 76 lks. dist., marked T 18 S R 24 E S 7 B T.

6.20 Draw, 10 ft. below cor. of secs. 6 and 7, drains S.60°W.; abrupt ascent of 215 ft.

11.80 Spur, projects westerly approximately 25.00 chs. dist.; enter heavy timber, bears E. and W.; desc. 75 ft.

19.20 Draw, drains W.; asc. 30 ft.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

24.60 Spur, projects W. approximately 10.00 chs. dist.; desc. 20 ft.

32.40 Draw, drains W.; asc. S. slope 50 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 10 ins. high, for $\frac{1}{4}$ sec. cor., of sec. 1, only, with brass cap marked:

$$S\ 1\ \frac{1}{4}$$

1924

from which,

A pinon pine, 8 ins. diam., bears S.28°30'W., 105 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A pinon pine, 12 ins. diam., bears N.31°30'W., 32 lks. dist., marked $\frac{1}{4}$ S 1 B T.

From this $\frac{1}{4}$ sec. cor., the ascent becomes more abrupt, and over large boulders, outcroppings, and series of broken and perpendicular ledges, 10 to 100 ft. high, bearing N.60°W. and S.60°E.

45.90 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 10 ins. high, for $\frac{1}{4}$ sec. cor., of sec. 6, only, with brass cap marked:

$$\frac{1}{4}\ S\ 6$$

1924

from which,

A pinon pine, 4 ins. diam., bears N.78°30'E., 54 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A pinon pine, 8 ins. diam., bears S.2°15'E., 53 lks. dist., marked $\frac{1}{4}$ S 6 B T.

This cor. stands on a SW. slope, 125 ft. above the $\frac{1}{4}$ sec. cor. of sec. 1.

48.40 Ridge, 140 ft. above $\frac{1}{4}$ sec. cor. of sec. 6, bears N.60°W. and S.60°E.; leave series of ledges, bears N.60°W. and S.60°E.; continue over boulders and outcroppings; desc. gradually 25 ft. over NE. slope.

Survey of the West Boundary of T. 18 S., R. 24 E.

Chains.

- 50.70 Desc. more abruptly 105 ft., across the head of ravine, draining NW.
- 62.90 Spur, projects N.30°W.; precipitous descent of 410 ft.
- 79.20 Ravine, drains N.30°W.; asc. gradually 10 ft. along SW. slope to
- 85.90 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 14 ins. high, for cor. of Tps. 17 and 18 S., Rs. 23 and 24 E., with brass cap marked:

T17S	
R23E	R24E
S36	S31
S1	S6
T18S	
1924	

from which,

A cedar, 10 ins. diam., bears N.15°45'E., 36 lks. dist., marked T 17 S R 24 E S 31 B T.

A pinon pine, 10 ins. diam., bears S.59°30'E., 112 lks. dist., marked T 18 S R 24 E S 6 B T.

A cedar, 10 ins. diam., bears S.21°45'W., 54 lks. dist., marked T 18 S R 23 E S 1 B T.

A cedar, 14 ins. diam., bears N.21°W., 71 lks. dist., marked T 17 S R 23 E S 36 B T.

Land, abrupt and mountainous of shale and sandstone formation; drainage W. and SW. to Dry Canyon, S. 48.40 chs.; general drainage NW. to Westwater Canyon, N. 37.50 chs.

Soil, red sand and red sandy loam, varying in depth from about 3 ins. to 2 ft., lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, varies from a scattering to a heavy growth of cedar and pinon pine:

Undergrowth, varies from a scattering to a medium growth of mountain rush, sagebrush, oak and buck brush.

Scattering growth of grass,

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

From the true point for the cor. of Tps. 17 and 18 S., Rs. 24 and 25 E., hereinbefore described, West, on a random line for alinement only, along the N. bdy. of T. 18 S., R. 24 E. This line falls N. 96 lks. dist. from the cor. of Tps. 17 and 18 S., Rs. 23 and 24 E., hereinbefore described, and answers to a correction of 7 minutes or 16 lks. S. per mile, counting from the NE. cor. of the Tp.

Thence, from the true point for cor. of Tps. 17 and 18 S., Rs. 24 and 25 E., which is N. 1.00 chs. dist. from witness cor. for these townships, hereinbefore described,

S.89°53'W., on a true line along the N. bdy. of T. 18 S., R. 24 E., bet. secs. 1 and 36.

Over gently rolling land, through dense sagebrush, shade, scale, greasewood and rabbit brush; asc. gradual SE. slope 65 ft. to $\frac{1}{4}$ sec. cor.

- 10.00 Leave greasewood, bears N. and S.
 23.60 Dry wash, 15 lks. wide, 4 ft. deep, drains S.30°E.
 30.00 Leave sagebrush and rabbit brush undergrowth, bears N. and S.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 36 \\ \frac{1}{4} \\ \hline S\ 1 \\ .1924 \end{array}$$

from which,

A cedar limb, 5 ins. diam., bears N.63°30'E., 87 lks. dist., marked $\frac{1}{4}$ S 36 B T.

A cedar limb, 3 ins. diam., bears S.8°15'W., 209 lks. dist., marked B T.

- 41.00 Leave rolling land, bears NE. and SW.; begin abrupt ascent of 90 ft. over SE. slope.
 45.00 Top of sloping ledge, 15 ft. high, bears NE. and westerly.
 54.80 Top of abrupt ascent or rim of reef, bears S. and easterly; enter a medium growth of timber, bears N. and S.;

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

- desc. gradually 20 ft. over gently rolling top.
- 55.20 Enter a medium growth of sagebrush, bears N. and S.
- 66.00 Draw, drains SE.; asc. gradually 25 ft.
- 74.00 Spur, projects S. approximately 12.00 chs. dist.; desc. 40 ft.
- 79.80 Draw, drains N.70°W.; asc. gradual NE. slope 5 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 1, 2, 35 and 36, with brass cap marked:

T17S	R24E
S35	S36
S2	S1
T18S	
1924	

from which,

A cedar limb, 4 ins. diam., bears N.9°15'E., 83 lks. dist., marked T 17 S R 24 E S 36 B T.

A cedar limb, 6 ins. diam., bears S.45°15'E., 36 lks. dist., marked T 18 S R 24 E S 1 B T.

A cedar, 14 ins. diam., bears S.18°45'W., 51 lks. dist., marked T 18 S R 24 E S 2 B T.

A pinon pine, 12 ins. diam., bears N.56°W., 50 lks. dist., marked T 17 S R 24 E S 35 B T.

Land, rolling, E. 41.00 chs.; abrupt SE. slope and gently rolling top of reef, W. 39.00 chs.; shale and sandstone formation; drainage SE. to Bryson Wash, E. 54.80 chs.; W. 25.20 chs. drain generally SW. to Westwater Creek.

Soil, dark red sand and red sandy loam, about 2 to 4 ft. deep, lying on a gravelly, light, chalky formation, E. 41.00 chs.; 1st. and 2nd. rate; shallow dark clay, lying on shale, on SE. slope of reef; 4th. rate; shallow rocky, red sand or red sandy loam, lying on bedrock, or on a gravelly, light, chalky formation, on top of reef; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, greasewood and rabbit brush.

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

Fair growth of grass, E. 41.00 chs.

S.89°53'W., bet. secs. 2 and 35.

Over broken and rough top of reef, through heavy timber
and scattering undergrowth; asc: gradual NE. slope 5
ft.

- 1.00 Top of ascent, bears NW. and SE.; desc. abruptly 115 ft.
- 6.40 Rugged gulch, drains S.; abrupt ascent of 145 ft.
- 12.00 Spur; projects southeasterly approximately 12.00 chs.
dist.; desc. abruptly 155 ft.
- 13.00 Top of broken and nearly perpendicular ledge, 60 ft.
high, bears NW. and SE.
- 17.10 Draw, drains S.; asc. gradually 230 ft. over gentle E.
slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bedrock, and in a mound of stone, 4 ft.
base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:
- $$\begin{array}{r} S\ 35 \\ \frac{1}{4} \hline S\ 2 \\ 1924 \end{array}$$
- from which,
- A cedar, 8 ins. diam., bears N.3°15'W., 41
lks. dist., marked $\frac{1}{4}$ S 35 B T.
- A cedar, 10 ins. diam., bears S.19°15'E., 51
lks. dist., marked $\frac{1}{4}$ S 2 B T.
- 43.00 Leave timber, bears NW. and SE.
- 43.20 Leave sagebrush.
- 44.90 Perpendicular ledge or rim of reef, 70 ft. high, bears
NW. and SE., 25 ft. above $\frac{1}{4}$ sec. cor.; begin precipi-
tous descent of 275 ft. over SW. slope.
- 58.50 Ravine, drains S.20°W.; asc. SE. slope 65 ft.
- 70.00 Spur, projects southwesterly; desc. gradual NW. slope 10
ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 2, 3, 34 and 35, with
brass cap marked;

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

T17S	R24E
S34	S35
S3	S2
T18S	
1924	

from which,

A cedar, 8 ins. diam., bears N.56°E., 396

lks. dist., marked T 17 S R 24 E S 35 B T.

A cedar, 10 ins. diam., bears S.85°45'E., 336

lks. dist., marked T 18 S R 24 E S 2 B T.

A cedar limb, 10 ins. diam., bears S.37°45'W., 198

lks. dist., marked T 18 S R 24 E S 3 B T.

A cedar, 5 ins. diam., bears N.63°30'W., 226

lks. dist., marked T 17 S R 24 E S 34 B T.

Land, rough, broken reef, E. 44.90 chs.; rolling bad

lands, W. 35.10 chs.; shale and sandstone formation;

general drainage S. and SW. to Westwater Creek.

Soil, dark red sand and red sandy loam, about 3 ins. to

1 ft. deep, lying on bedrock or on a gravelly, light,

chalky formation, E. 44.90 chs.; dark clay, about 3

ins. to 1½ ft. deep, lying on shale, W. 35.10 chs.;

2nd. to 4th. rate.

Timber, cedar and pinon pine, dense on top of reef,

scattering on rolling bad lands.

Undergrowth, sagebrush, shadscale and yellow top; very

scattering growth, on rolling bad lands.

Fair growth of grass on top of reef; no grass on rolling

bad lands.

S.89°53'W., bet. secs. 3 and 34.

Over rolling land, through scattering timber and medium

dense undergrowth; desc. general W. slope 50 ft.

4.70 Dry wash, 30 lks. wide, 5 ft. deep, in the bottom of
hollow, drains S.; precipitous ascent of 355 ft. over
SE. slope.

28.70 Perpendicular ledge or rim of reef, 60 ft. high, bears
NE. and SW.; enter heavy timber, bears NE. and SW.;
over nearly level top of reef, projecting S. about
3.00 chs. dist.

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

- 29.00 Enter dense sagebrush, bears NE. and SW.
- 30.60 Leave heavy timber, bears N. and S., and enter scattering.
- 30.80 Leave dense sagebrush, bears N. and S., and enter scattering.
- 30.90 Perpendicular ledge or rim of reef, 60 ft. high, bears N. and S.; precipitous descent of 225 ft. over W. slope.
- 38.70 Gulch, drains S.; asc. SE. slope 20 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 34 \\ \frac{1}{4} \\ \hline S\ 3 \\ 1924 \end{array}$$
- from which,
- A cedar, 10 ins. diam., bears N. $33^{\circ}45'E.$, 204 lks. dist., marked $\frac{1}{4}$ S 34 B T.
- A cedar, 5 ins. diam., bears S. $80^{\circ}45'W.$, 51 lks. dist., marked $\frac{1}{4}$ S 3 B T.
- 45.70 Perpendicular ledge or rim of reef, 40 ft. high, bears N. $30^{\circ}E.$ and S. $30^{\circ}W.$, 180 ft. above $\frac{1}{4}$ sec. cor.; enter heavy timber, bears NE. and SW.; over nearly level top of reef, projecting S. approximately 10.00 chs. dist.
- 54.00 Leave timber, bears N. $20^{\circ}W.$ and S. $20^{\circ}E.$
- 54.20 Perpendicular ledge or rim of reef, 30 ft. high, bears N. $20^{\circ}W.$ and S. $20^{\circ}E.$; abrupt descent of 250 ft. over SW. slope.
- 64.70 Gulch, drains S.; asc. abrupt E. slope 220 ft.
- 69.10 Perpendicular ledge or rim of reef, 25 ft. high, bears N. $20^{\circ}W.$ and S. $20^{\circ}E.$; enter scattering timber; desc. gradually 30 ft. to sec. cor., over gently rolling top of reef.
- 72.00 Enter heavy timber, bears N. and S.
- 72.50 Enter dense sagebrush, bears N. and S.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked:

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

T17S	R24E
S33	S34
S4	S3
T18S	
1924	

from which,

A cedar, 14 ins. diam., bears N.89°15'E., 220 .

lks. dist., marked T 17 S R 24 E S 34 B T.

A cedar, 10 ins. diam., bears S.39°30'E., 120 .

lks. dist., marked T 18 S R 24 E S 3. B T.

A cedar limb, 6 ins. diam., bears S.27°45'W., 289

lks. dist., marked T 18 S R 24 E S 4 B T. .

At the base of the monument, I deposit a sandstone, .

6x4x1 ins., marked with a cross (X), as there are no trees available in sec. 33.

Land, line crosses over rough, broken reefs with high rims, and across rough gulches, draining S. to West-water Creek; shale and sandstone formation.

Soil, shallow dark clay, lying on a shale clay subsoil, on the sides of gulches and on the rolling land; 4th. rate; red sand and red sandy loam, about 4 to 12 ins. deep, lying on bedrock, or on a gravelly, light, chalky formation, on the tops of reefs; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and yellow top.

Fair growth of grass.

S.89°53'W., bet. secs. 4 and 33.

Desc. gradually 30 ft., over gently rolling top of reef, through dense sagebrush.

14.20 Enter scattering timber.

19.10 Leave sagebrush, bears N. and S., and enter a medium growth of shadscale and yellow top. .

24.10 Enter heavy timber, bears N. and S.

26.60 Draw, drains S. approximately 15.00 chs. dist. into gulch, draining SW.; asc. 15 ft.

29.10 Spur, projects S. approximately 12.00 chs. dist.; desc. 35 ft.

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

39.30

Draw, drains S.30°E. about 20.00 chs. dist. into gulch, draining SW.; asc. NE. slope 25 ft. to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	S 33
	S 4
	1924

from which,

A cedar limb, 4 ins. diam., bears N.34°15'W., 55 lks. dist., marked $\frac{1}{4}$ S 33 B T.

A cedar limb, 4 ins. diam., bears S.33°W., 42 lks. dist., marked $\frac{1}{4}$ S 4 B T.

51.00

Leave rolling top of reef, bears N. and S., 55 ft. above $\frac{1}{4}$ sec. cor.; begin precipitous ascent of 595 ft. over large boulders, outcroppings, and series of broken and perpendicular ledges, 10 to 30 ft. high, bearing N.20°E. and S.20°W., on general E. slope.

51.30

Leave heavy timber, bears N. and S., and enter scattering.

67.30

Ridge, bears N.10°E. and S.10°W.; desc. abrupt general W. slope 425 ft., over large boulders, outcroppings, and series of broken and perpendicular ledges, 10 to 20 ft. high, bearing N.30°E. and S.30°W., to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked:

T17S	R24E
S32	S33
S5	S4
T18S	
1924	

from which,

A cedar limb, 6 ins. diam., bears N.53°E., 67 lks. dist., marked T 17 S R 24 E S 33 B T.

A cedar, 8 ins. diam., bears S.43°E., 94 lks. dist., marked T 18 S R 24 E S 4 B T.

A cedar limb, 4 ins. diam., bears S.41°15'W., 22 lks. dist., marked T 18 S R 24 E S 5 B T.

A pinon pine, 3 ins. diam., bears N.33°W., 8 lks. dist., marked B T.

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

Land; gently rolling and rolling top of reef, E. 51.00 chs.; rough mountainous, W. 29.00 chs.; shale and sandstone formation; general drainage SW. to Westwater Creek.

Soil, red sand and red sandy loam, about 4 ins. to 18 ins. deep, lying on bedrock, or on a gravelly, light, chalky formation, E. 30.00 chs.; 2nd. to 4th. rate; shallow red sand, red sandy loam or clay, lying on bedrock, W. 50.00 chs.; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and yellow top.

Fair growth of grass on portions of mile.

S. 89° 53' W., bet. secs. 5 and 32.

Over rough mountainous land, through a medium growth of timber and undergrowth; desc. 195 ft. along N. side of ravine, draining W.

18.40 Cross same ravine, drains N. 70° W. about 1.00 chs. dist., thence W.; asc. 10 ft.

22.80 Spur, projects N. approximately 1.00 chs. dist.; desc. 45 ft.

23.00 Top of nearly perpendicular ledge, 30 ft. high, bears NE. and SW.; leave timber, bears NE. and SW.

24.70 Recross same ravine, drains SW.; asc. abruptly 80 ft.

26.40 Top of nearly perpendicular ledge, 70 ft. high, bears NE. and SW.

26.60 Rugged spur, projects SW. approximately 5.00 chs. dist.; precipitous descent of 180 ft.

26.80 Top of nearly perpendicular ledge, 70 ft. high, bears NE. and SW.

36.20 Dry wash, 80 lks. wide, 12 ft. deep, drains SE. about 2.00 chs. dist., thence SW., in the bottom of East Canyon; asc. gradually 20 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

S 32

 $\frac{1}{4}$

S 5

1924

and raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.

From this $\frac{1}{4}$ sec. cor., a cross (X) chiseled on the S. face of a large sandstone boulder, 40x35x8 ft., bears N.10°E. 27 lks. dist., and marked X $\frac{1}{4}$ S 32 B O.; also a cross (X) chiseled on the S. face of a large sandstone boulder, 25x11x8 ft., bears N.35°01'W., 46 lks. dist., and marked X $\frac{1}{4}$ S 32 B O.

This cor. is located on the W. side of bottom of canyon, at the base of abrupt ascent, bearing NE. and SW.

From this $\frac{1}{4}$ sec. cor., the NE. corner of Thomas Larsen's frame house, 30x32 $\frac{1}{2}$ ft., bears S.28°52'E. 16.64 chs. dist.; from the E. wall of this house, a frame garage, 34x12 ft., bears E. 90 lks. dist.; from the N. wall of this garage, a frame blacksmith shop, 18x14 ft., bears N. 72 lks. dist.; from the E. wall of the garage, the W. fence of a series of large corrals, constructed of poles, bears E. 1.74 chs. dist.

41.90 Top of nearly perpendicular ledge, 80 ft. high, bears NE. and SW.

44.60 Spur, 120 ft. above $\frac{1}{4}$ sec. cor., projects S. approximately 6.00 chs. dist.; abrupt descent of 120 ft. over W. slope.

51.00 Top of nearly perpendicular ledge, 35 ft. high, bears NW. and SE. This ledge is the same one as noted at 41.90 chs., and extends all of the way around the spur that is noted at 44.60 chs.

51.10 A circular corral, 80 ft. in diameter, constructed of poles, bears S. 7.65 chs. dist.; adjoining this corral on the E. is another circular corral, 55 ft. in diameter and constructed of poles.

52.40 Base of abrupt descent, bears NW. and SE.; E. bank of wash, 9 ft. high, bears NW. and SE.; over level bottom

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

of Westwater Canyon.

- 53.90 Stream of clear water, slightly alkaline, 6 lks. wide, 4 ins. deep, course SE.; wagon road, bears NW. and SE. in the bottom of wash.
- 54.90 W. bank of wash, 10 ft. high, bears NW. and SE.; enter dense undergrowth of sagebrush and greasewood, bears NW. and SE.
- 58.80 Leave bottom of Westwater Canyon, bears N. and S.; leave undergrowth of sagebrush and greasewood, bears N. and S.; continue through a medium growth of shadscale and mountain rush; begin abrupt ascent of 190 ft. over SE. slope, through scattering timber.
- 65.70 Spur, projects NE. approximately 12.00 chs. dist.; desc. 45 ft.
- 71.40 Draw, drains NE.; abrupt ascent of 250 ft. over boulders and outcroppings to
- 80.00 On top of spur, projecting NE. approximately 10.00 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 10 ins. high, for cor. of secs. 5, 6, 31 and 32, with brass cap marked:

T17S	R24E
S31	S32
S6	S5
T18S	
1924	

from which,

- A cedar, 14 ins. diam., bears N.84°E., 35 lks. dist., marked T 17 S R 24 E S 32 B T.
- A cedar limb, 8 ins. diam., bears S.70°15'E., 43 lks. dist., marked T 18 S R 24 E S 5 B T.
- A pinon pine, 5 ins. diam., bears S.25°45'W., 75 lks. dist., marked T 18 S R 24 E S 6 B T.
- A pinon pine, 3 ins. diam., bears N.64°15'W., 18 lks. dist., marked B T.

Land, abrupt and rough mountainous of sandstone and shale formation; drainage SW., E. 44.60 chs.; W. 35.40 chs. drain SE.

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

Soil, shallow red sand, lying on a clay subsoil or on bedrock, on rough portions; 3rd. and 4th. rate; light sandy loam, about 5 to 20 ft. deep, in the bottoms of East and Westwater Canyons; 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, mountain rush, yellow top, buck brush and sagebrush; dense tall sagebrush and greasewood in the bottoms of East and Westwater Canyons.

Fair growth of grass on portions of mile.

S.89°53'W., bet. secs. 6 and 31.

Desc. abruptly 45 ft. over NW. slope, along the rough S. side of Westwater Canyon, through scattering timber and undergrowth.

- 1.70 Draw, drains NE.; asc. 70 ft.
- 6.10 Spur, projects N. approximately 8.00 chs. dist.; desc. 135 ft.
- 10.50 Draw, drains N.; asc. 75 ft.
- 13.60 Spur, projects N. about 6.00 chs. dist.; desc. 75 ft.
- 17.20 Draw, drains N.; asc. 110 ft.
- 23.30 Spur, projects N.10°E. approximately 8.00 chs. dist.; desc. 130 ft.
- 35.00 Draw, drains N.10°E.; asc. 80 ft.
- 37.10 Spur, projects N.10°W. about 6.00 chs. dist.; desc. 85 ft. to
- 40.00 True point for $\frac{1}{4}$ sec. cor., falls in the bottom of a dry wash, 20 lks. wide, 4 ft. deep, in draw, draining N.10°E.; impracticable to set cor. at this point; asc. E. slope 10 ft. to
- 40.20 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, 1 ft. high, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} \text{S } 31 \text{ W} \\ \hline \text{S } 6 \text{ C} \\ 1924 \end{array}$$

from which,

Survey of the North Boundary of T. 18 S., R. 24 E.

Chains.

A cedar, 6 ins. diam., bears N.75°30'W., 55
lks. dist., marked W C $\frac{1}{2}$ S 31' B T.

A cedar limb, 4 ins. diam., bears S.9°30'W., 56
lks. dist., marked W C $\frac{1}{2}$ S 6' B T.

41.20 Spur, 60 ft. above witness $\frac{1}{4}$ sec. cor., projects N.
about 9.00 chs. dist.; desc. 55 ft.

43.60 Draw, drains N.10°E.; asc. 85 ft.

45.50 Spur, projects N. approximately 8.00 chs. dist.; desc.
55 ft.

48.70 Draw, drains N.; asc. abruptly 140 ft.

54.10 Spur, projects N. approximately 10.00 chs. dist.; desc.
100 ft.

60.60 Draw, drains N.; precipitous ascent of 395 ft. over NE.
slope.

80.90 Spur, projects N.20°W. about 15.00 chs. dist.; desc.
abrupt SW. slope 70 ft. to

83.10 The cor. of Tps. 17 and 18 S., Rs. 23 and 24 E., here-
inbefore described.

Land, abrupt and rough S. side of Westwater Canyon; red
and light colored sandstone exposed in the form of
boulders and outcroppings; drainage N. about 8 to 10
chs. dist. to Westwater Canyon, thence E.

Soil, shallow, light sand or sandy clay, lying on a clay
subsoil, or on bedrock; 3rd. to 4th. rate.

Timber, scattering to a medium growth of cedar and pinon
pine.

Undergrowth, scattering to a medium growth of service
berry bushes, buck brush and mountain rush.

Good growth of grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy.
of the Tp., hereinbefore described,

N.0°01'W., bet. secs. 35 and 36.

Asc. gradually 20 ft., over rolling land, through dense

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

short undergrowth..

- 4.20 Ridge, bears NW. and SE.; desc. 25 ft..
- 14.20 Dry wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. 25 ft.
- 17.30 Spur, projects S.60°E. approximately 20.00 chs. dist.; desc. 30 ft.
- 25.10 Dry wash, 25 lks. wide, 3 ft. deep, in the bottom of draw, drains S.60°E.; asc. 30 ft.
- 27.20 Spur, projects SE. about 20.00 chs. dist.; old road, bears NW. and SE.; desc. 10 ft.
- 34.90 Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains S.60°E.; asc. gradual SW. slope 20 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 35 \quad S\ 36 \end{array}$$

1924.

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

From this cor., continue gradual ascent of 45 ft. over general SW. slope.

- 79.00 Spur, projects S.20°E. approximately 50.00 chs. dist.; desc. gradual NE. slope 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked:

T18S	R24E
S26	S25
S35	S36
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, rolling bad lands, draining SE. to Westwater Creek.

Soil, dark clay, about 3 ins. to 2 ft. deep, lying on shale; 4th. rate.

Undergrowth, shadscale and salt brush.

No timber. Very little grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the E. bdy. of the Tp., 1 lk. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence, .

West, on a true line bet. secs. 25 and 36.

Over nearly level bench land, through dense short shadscale.

3.20 Road, bears N. to Larsen's ranches and S. to Cisco, .

Utah, on the Pike's Peak-Ocean to Ocean Highway.

7.90 Edge of bench, bears N. and S.; begin descent of 100 ft. over general W. slope.

25.00 Base of descent, bears N. and S.; leave dense shadscale, bears N. and S., and enter dense greasewood; over level bottom land.

30.10 E. bank of Westwater Wash, 4 ft. high, bears N. and S.

31.00 Stream of clear, alkali water, 6 lks. wide, 3 ins. deep, course S.

32.10 W. bank of Westwater Wash, 7 ft. high, bears N. and S.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
$$\begin{array}{r} S\ 25 \\ \hline S\ 36 \\ 1924 \end{array}$$

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

40.20 Leave greasewood, bears N. and S., and enter dense short shadscale and salt brush.

52.50 Leave bottom land, bears N. and S.; begin ascent of 65 ft. over E. slope of knoll.

58.20 Top of knoll, bears N. about 3.00 chs. dist. and S. about 7.00 chs. dist.; desc. W. slope 80 ft.

63.80 Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of hollow, drains S.; asc. gradual NE. slope 40 ft. to

80.02 The cor. of secs. 25, 26, 35 and 36.

Land, level bench, E. 7.90 chs.; level bottom land of

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Westwater Wash and rolling bad lands, W. 72.12 chs.;
drainage SW. and SE. into Westwater Wash.

Soil, dark red sand and sandy loam, about 6 ins. to 1 ft.
deep, lying on a gravelly, light, chalky formation, on
bench; 1st. and 2nd. rate; dark clay, about 4 ins. to
1 ft. deep, lying on shale, on the rolling bad lands;
4th. rate; dark sandy loam or sandy clay loam, several
ft. deep, on the level bottom land; 1st. and 2nd. rate.

Undergrowth, shadscale, salt brush and greasewood.

No timber. Buffalo grass, excellent growth on bench and
scattering on rolling bad lands.

N.0°01'W., bet. secs. 25 and 26.

Over rolling land, through dense short undergrowth; desc.
gradual NE. slope 10 ft.

10.00 Dry wash, 25 lks. wide, 3 ft. deep, in the bottom of
draw, drains SE.; asc. 55 ft. over gradual S. slope.

31.40 Spur, projects N.60°E. approximately 8.00 chs. dist.;
desc. 35 ft.

36.50 Dry wash, 15 lks. wide, 4 ft. deep, in the bottom of
draw, drains NE.; asc. gradual SW. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for 1/4 sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 26 | S 25
 1924

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.

44.80 Dry wash, 20 lks. wide, 4 ft. deep, drains SE.

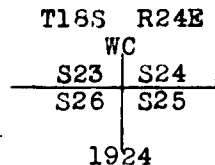
54.20 Top of knoll, 40 ft. above 1/4 sec. cor., bears NW. about
5.00 chs. dist. and SE. approximately 15.00 chs. dist.;
desc. NE. slope 80 ft.

62.20 Dry wash, 25 lks. wide, 5 ft. deep, in the bottom of
draw, drains SE.; asc. 40 ft.

66.00 Spur, projects S.80°E. about 12.00 chs. dist.; desc. 40
ft. to witness cor. of secs. 23, 24, 25 and 26.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.
 70.90 Base of descent, bears E. and W.; over level bottom land.
 79.00 Leave undergrowth of shadscale and salt brush, bears
 N. 60° W. and S. 60° E., and enter dense tall greasewood.
 79.30 Dry wash, 20 lks. wide, 5 ft. deep, drains SE.
 79.70 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in the ground, for witness cor. of secs. 23, 24, 25
 and 26, with brass cap marked:



and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
 post, 3 ft. dist.

80.00 True point for cor. of secs. 23, 24, 25 and 26, falls
 in the bottom of a dry wash, 10 lks. wide, 4 ft. deep,
 draining SW.; impracticable to set cor. at this point.
 Land, rolling bad lands, S. 70.90 chs.; level bottom,
 N. 9.10 chs.; general drainage SE. to Westwater Creek.
 Soil, dark clay, about 3 ins. to 4 ft. deep, lying on
 shale, on rolling bad lands; 4th. rate; dark sandy
 loam or sandy clay loam, several ft. deep, on the
 level bottom land; 1st. and 2nd. rate.
 Undergrowth, shadscale, salt brush and greasewood.
 No timber. Very little grass.

East, on a random line bet. secs. 24 and 25, from true
 40.00 Set temp. sec. cor. cor. point.
 80.04 Intersect the E. bdy. of the Tp., 19 lks. S. of the cor.
 of secs. 19, 24, 25 and 30, hereinbefore described.
 Thence,
 S. 89° 52' W., on a true line bet. secs. 24 and 25.
 Over level bench land, through dense salt brush.
 1.50 Dry wash, 15 lks. wide, 6 ft. deep, drains S. 20° W.
 4.10 Dry wash, 10 lks. wide, 3 ft. deep, drains S. 30° W.
 6.00 Dry wash, 15 lks. wide, 5 ft. deep, drains S.
 9.50 Dry wash, 10 lks. wide, 2 ft. deep, drains S. 20° E.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 20.50 Road, bears N. to Larsen's ranches and S. to Cisco, Utah,
on the Pike's Peak-Ocean to Ocean Highway.
- 38.00 Leave salt brush, bears N. and S., and enter dense shad-
scale.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 24 \\ \hline S\ 25 \\ 1924 \end{array}$$
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft.
dist.
- 45.00 Enter scattering cedar timber and sagebrush undergrowth.
- 55.40 W. edge of bench, bears N. and S.; leave timber; begin
descent of 105 ft. over general W. slope.
- 60.00 Base of descent, bears N. and S.; leave shadscale, bears
N. and S., and enter dense tall greasewood; over level
bottom land.
- 60.30 Dry wash, 25 lks. wide, 3 ft. deep, drains SW.
- 64.30 E. bank of Westwater Wash, 5 ft. high, bears N. and S.
- 70.90 Stream of clear, alkali water, 4 lks. wide, 2 ins. deep,
course S.
- 77.50 W. bank of Westwater Wash, 4 ft. high, bears N. and S.
- 80.04 The true point for cor. of secs. 23, 24, 25 and 26.
Land, level bench, E. 55.40 chs.; level bottom, W. 20.04
chs.; rolling W. slope of bench, remainder of mile;
drainage SW. and SE. to Westwater Creek, thence S.
Soil, dark red sand and sandy loam, about 6 ins. to 1 ft.
deep, lying on a gravelly, light, chalky formation, on
bench; 1st. and 2nd. rate; dark clay, about $\frac{1}{4}$ ins. to
1 ft. deep, lying on shale, on the rolling W. slope of
bench; 4th. rate; dark sandy loam or sandy clay loam,
several ft. deep, on the level bottom land; 1st. and
2nd. rate.
Undergrowth, shadscale, salt brush, greasewood and sage-
brush.
Good growth of buffalo grass on top of bench; very little
grass on remainder of mile.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Timber, cedar.

From the true point for cor. of secs. 23, 24, 25 and 26,
N. 0° 01' W., bet. secs. 23 and 24.

Over level bottom land, through dense undergrowth.

16.60 S. bank of Westwater Wash, 6 ft. high, bears NW. and SE.

18.30 Stream of clear, alkali water, 6 lks. wide, 4 ins. deep,
course SE.

20.00 N. bank of Westwater Wash, 5 ft. high, bears NW. and SE.

22.70 S. bank of Westwater Wash, 5 ft. high, bears NE. and SW.

25.00 Stream of clear, alkali water, 6 lks. wide, 4 ins. deep,
course SW.

26.90 N. bank of Westwater Wash, 6 ft. high, bears NE. and SW.

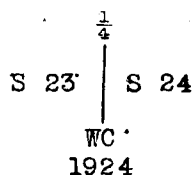
39.00 S. bank of Westwater Wash, 5 ft. high, bears NW. and SE.

39.50 Stream of clear, alkali water, 7 lks. wide, 4 ins. deep,
course SE.

40.00 True point for $\frac{1}{4}$ sec. cor., falls in bottom of this
wash; impracticable to set cor. at this point.

40.40 N. bank of Westwater Wash, 5 ft. high, bears NW. and SE.

42.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap
marked:



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.

52.80 S. bank of Westwater Wash, 15 ft. high, bears NE. and
SW.

53.50 Stream of clear, alkali water, 8 lks. wide, 3 ins. deep,
course SW.

54.20 N. bank of Westwater Wash, 10 ft. high, bears NE. and
SW.

63.60 S. bank of Westwater Wash, 15 ft. high, bears E. and W.

64.30 Stream of clear, alkali water, 7 lks. wide, 3 ins. deep,
course E.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.							
65.10	N. bank of Westwater Wash, 5 ft. high, bears E. and W.						
70.00	Greasewood becomes more scattering, bears NW. and SE.; continue through dense short shadscale and salt brush.						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked:						
	<table> <tr> <td>T18S</td><td>R24E</td></tr> <tr> <td>S14</td><td>S13</td></tr> <tr> <td>S23</td><td>S24</td></tr> </table>	T18S	R24E	S14	S13	S23	S24
T18S	R24E						
S14	S13						
S23	S24						
	1924						
	and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.						
	Land, level bottom, draining generally SE. by Westwater Creek.						
	Soil, dark sandy loam or sandy clay loam, several ft. deep; 1st. rate.						
	Undergrowth, greasewood, shadscale and salt brush.						
	No timber. Very little grass.						
40.00	N. 89° 52' E., on a random line bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec. cor.						
80.08	Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.						
	Thence,						
	S. 89° 54' W., on a true line bet. secs. 13 and 24.						
	Over rolling bench land, through dense short shadscale and salt brush; desc. gradual NW. slope 10 ft.						
1.60	Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SW.; asc. gradually 10 ft.						
5.10	Low spur, projects S. about 3.00 chs. dist.; desc. grad- ually 25 ft.						
19.10	W. edge of bench, bears northeasterly and southwesterly; desc. abrupt NW. slope 35 ft.						
22.30	Road, bears NW. to Larsen's ranches and SE. to the Pike's Peak-Ocean to Ocean Highway.						
23.80	Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of						

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- hollow, drains SW.; asc. abrupt SE. slope 35 ft.
- 26.60 E. edge of bench, bears NE. and SW.; over nearly level top.
- 40.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 13 \\ \frac{1}{4} \\ S\ 24 \\ 1924 \end{array}$$
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 47.70 W. edge of bench, bears N. and S.; desc. 65 ft. over NW. slope.
- 55.30 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of hollow, drains S.30°W.; asc. E. slope 25 ft.
- 70.20 Spur, projects S. approximately 40.00 chs. dist.; desc. abrupt W. slope 65 ft.
- 75.10 Base of abrupt descent, bears N. and S.; desc. gradually 10 ft. over nearly level bottom land to sec. cor.
- 78.60 Enter scattering greasewood.
- 80.08 The cor. of secs. 13, 14, 23 and 24.

Land, gently rolling benches, rolling bad lands and level bottom land of Westwater Wash; general drainage SW. to Westwater Creek.

Soil, dark red sand and sandy loam, about 6 ins. to 1 ft. deep, lying on a gravelly, light, chalky formation, on benches; 1st. and 2nd. rate; dark clay, about 4 ins. to several ft. deep, lying on shale, on rolling bad lands and level bottom land; 4th. rate.

Undergrowth, shadscale, salt brush and greasewood.

Good growth of buffalo grass on benches; very little grass on remainder of mile.

No timber.

N.0°01'W., bet. secs. 13 and 14.

Asc. gradually 10 ft., over nearly level bottom land, through a medium growth of shadscale, salt brush and scattering greasewood.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 1.00 Dry wash, 30 lks. wide, 15 ft. deep, drains S.60°W.
- 10.00 Leave bottom land, bears N.70°W. and S.70°E.; leave greasewood; begin ascent of .20 ft. over S. slope.
- 13.60 Spur, projects W. about 1.50 chs. dist.; desc. 10 ft.
- 19.60 Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of swale, drains SW.; asc. gradually 75 ft. to $\frac{1}{4}$ sec. cor., over SE. slope.
- 23.90 Road, bears N.60°W. to Larsen's ranches and S.60°E. to the Pike's Peak-Ocean to Ocean Highway.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 14 | S 13
 1924

At the base of the monument, I deposit a sandstone, 10x5x3 ins., marked with a cross (X). Other accessories impracticable.

- 41.10 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects SW. approximately 10.00 chs. dist.; desc. 40 ft..
- 48.70 Draw, drains SW.; asc. 50 ft.
- 52.70 Same spur as noted at 41.10 chs., projects SE.; desc. 50 ft. across the head of draw, draining SE.
- 55.20 Spur, projects E. about 4.00 chs. dist.; enter scattering timber; desc. 40 ft..
- 68.10 Draw, drains E.; asc. 45 ft.
- 72.10 Spur, projects S.80°E. about 3.00 chs. dist.; desc. 35 ft.
- 73.20 Draw, drains SE.; asc. SE. slope 45 ft.
- 79.00 Spur, projects SW. about 4.00 chs. dist.; desc. NW. slope 5 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked:

T18S	R24E
S11	S12
S14	S13

1924

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

from which,

A cedar, 4 ins. diam., bears S.86°15'E., 273

lks. dist., marked T 18 S R 24 E S 13 B T.

A cedar limb, 8 ins. diam., bears S.76°W., 240

lks. dist., marked T 18 S R 24 E S 14 B T.

A cedar, 3 ins. diam., bears N.23°W., 313

lks. dist., marked B T.

Dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post,

3 ft. dist., as there are no trees available in sec.

12.

Land, level bottom land and rolling bad lands, draining generally SW. to Westwater Creek; shale and sandstone formation.

Soil, adobe clay, about 6 ins. deep, lying on a clay subsoil or on shale, on bottom land; 4th. rate; light clay, about 6 ins. to 1 ft. deep, lying on shale, on rolling bad lands; 4th. rate.

Timber, a few scattering cedar.

Undergrowth, a medium growth of shadscale and salt brush, and scattering greasewood.

Scattering growth of grass.

N.89°54'E., on a random line bet. secs. 12 and 13.

10.00 Set temp. 4 sec. cor.

50.10 Intersect the E. bdy. of the Tp., 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described,

Thence,

S.89°51'W., on a true line bet. secs. 12 and 13.

Over rolling bench land, through dense sagebrush; asc. gradual E. slope 60 ft.

5.50 Enter a medium growth of timber, bears N. and S.

9.30 Ridge, bears N. and S.; desc. 130 ft. over W. slope.

15.60 Leave medium growth of timber, bears N. and S., and enter scattering.

16.00 Leave sagebrush, bears N. and S., and enter a medium growth of shadscale, yellow top and salt brush.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains. 36.90	Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of hollow, drains S.; asc. gradual E. slope 10 ft. to
40.05	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 12 \\ \frac{1}{4} \overline{) } \\ S\ 13 \\ 1924 \end{array}$
	from which,
	A cedar limb, 4 ins. diam., bears N.35°30'W., 102 lks. dist., marked $\frac{1}{4}$ S 12 B T.
	A cedar limb, 6 ins. diam., bears S.43°45'W., 340 lks. dist., marked $\frac{1}{4}$ S 13 B T.
43.40	Top of ascent or edge of bench, 60 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; leave undergrowth of shadscale, yellow top and salt brush, bears N. and S., and enter dense sagebrush; over gently rolling top.
67.50	Edge of bench, bears N. and S.; leave dense sagebrush, bears N. and S., and enter a medium growth of shadscale, yellow top and sagebrush; desc. W. slope 50 ft.
71.00	Draw, drains S.70°W.; asc. SE. slope 10 ft.
72.40	Spur, projects SW. approximately 8.00 chs. dist.; leave scattering timber; desc. 25 ft.
74.70	Draw, drains SW.; asc. 15 ft.
76.60	Spur, projects southwesterly; desc. gradual NW. slope 10 ft. to
80.10	The cor. of secs. 11, 12, 13 and 14.
	Land, gently rolling bench and rolling bad lands, draining S. and SW. to Westwater Creek, W. 70.80 chs.; gentle E. slope of bench, draining SE., E. 9.30 chs. Soil, red sandy loam, about $1\frac{1}{2}$ to $2\frac{1}{2}$ ft. deep, lying on a light, gravelly, sandy, chalky subsoil, on benches; 1st. and 2nd. rate; light clay, about 6 ins. to 3 ft. deep, lying on shale, on rolling bad lands; 4th. rate. Timber, cedar and pinon pine.
	Undergrowth, sagebrush, shadscale, yellow top and salt brush.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Scattering to a medium growth of grass.

N.0°01'W., bet. secs. 11 and 12.

Over rolling bad lands, through scattering undergrowth;
desc. NW. slope 50 ft.

7.10 Draw, drains W.; asc. 50 ft.

15.30 Spur, projects N.80°W. approximately 20.00 chs. dist.;
desc. 35 ft.

20.00 Draw, drains W.; asc. SE. slope 120 ft.

26.60 Spur, projects southwesterly about 25.00 chs. dist.;
enter scattering timber; desc. 60 ft. over draws and
low spurs, putting W. about 20.00 chs. dist.

39.40 Draw, drains W.; asc. S. slope 30 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 11 | S 12
 1924

At the base of the monument, I deposit a sandstone,
8x8x2 ins., marked with a cross (X). Other accessories
impracticable.

40.20 Spur, 5 ft. above $\frac{1}{4}$ sec. cor., projects W. approximately
10.00 chs. dist.; desc. 70 ft.

50.90 Draw, drains SW.; asc. SE. slope 50 ft.

53.50 Spur, projects SW. about 12.00 chs. dist.; desc. 45 ft.

67.80 Dry wash, 40 lks. wide, 10 ft. deep, in the bottom of
hollow, drains SW.; asc. SW. slope 50 ft.77.60 Spur, projects southeasterly about 3.00 chs. dist.; desc.
25 ft.

79.20 Draw, drains SE.; asc. 30 ft. to

80.00 On top of spur, sloping SE. about 1.00 chs. dist., set
an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 1, 2, 11 and 12, with
brass cap marked:

T18S	R24E
S2	S1
S11	S12

1924

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

from which,

A cedar, 14 ins. diam., bears N.44°E., 142
lks. dist., marked T 18 S R 24 E S 1 B T.

A cedar, 8 ins. diam., bears S.9°45'E., 137
lks. dist., marked T 18 S R 24 E S 12 B T.

A cedar limb, 6 ins. diam., bears N.67°30'W., 323
lks. dist., marked T 18 S R 24 E S 2 B T.

At the base of the monument, I deposit a sandstone,
6x6x3 ins., marked with a cross (X), as there are no
trees available in sec. 11.

Land, rolling bad lands, draining generally SW. to West-
water Creek.

Soil, light clay, about 3 ins. to 2 ft. deep, lying on
shale; 4th. rate.

Timber, a few scattering cedar.

Undergrowth, shadscale, sagebrush, greasewood and yellow
top.

Scattering growth of grass.

N.89°51'E., on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor.
of secs. 1, 6, 7 and 12, hereinbefore described.

Thence,

S.89°53'W., on a true line bet. secs. 1 and 12.

Over gently rolling bench land, through dense sagebrush;
asc. gradual E. slope 90 ft.

13.30 Top of ascent or E. edge of top of ridge, bears N. and
S.; leave dense sagebrush, bears N. and S., and enter
a medium growth of shadscale, salt brush, yellow top
and greasewood; over nearly level top.

13.50 Enter scattering timber.

20.20 W. edge of top of ridge, bears N. and S.; desc. gradual
W. slope 100 ft. to $\frac{1}{4}$ sec. cor.

25.10 Leave scattering timber.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S.1
 $\frac{1}{4}$ ———
 S 12
 1924

At the base of the monument, I deposit a sandstone, 7x5x1 ins., marked with a cross (X). Other accessories impracticable.

- 44.10 Dry wash, 30 lks. wide, 12 ft. deep, in the bottom of hollow, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. E. slope 60 ft.
- 57.20 Top of ascent or E. edge of bench, bears N. and S.; enter heavy timber, bears N. and S.; asc. gradually 10 ft. over gently rolling top.
- 65.90 W. edge of bench, bears N. and S.; desc. gradual W. slope 20 ft.
- 66.90 Leave heavy timber, bears N. and S., and enter scattering.
- 67.50 Draw, drains SW.; asc. 15 ft.
- 68.50 Spur, projects S.20°W. approximately 20.00 chs. dist.; desc. general W. slope 150 ft.
- 78.20 Dry wash, 50 lks. wide, 10 ft. deep, in the bottom of hollow, drains S.; asc. NE. slope 40 ft. to
- 80.10 The cor. of secs. 1, 2, 11 and 12.
- Land, gently rolling benches and rolling bad lands; general drainage SE. to Bryson Wash, E. 20.20 chs.; W. 59.90 chs. drain S. and SW. to Westwater Creek.
- Soil, red sand and red sandy loam, about 18 to 30 ins. deep, lying on a gravelly, light, sandy, chalky subsoil, on benches; 1st. and 2nd. rate; light clay, about 6 ins. to 4 ft. deep, lying on shale, on rolling bad lands; 4th. rate.
- Timber, cedar.
- Undergrowth, sagebrush, shadscale, salt brush, yellow top and greasewood.
- Scattering to a fair growth of buffalo grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains	
	N.0°01'W., on a random line bet. secs. 1 and 2.
49.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect the N. bdy. of the Tp., 13 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.
	Thence,
	S.0°05'W., on a true line bet. secs. 1 and 2.
	Over rough and broken top of reef, through heavy timber and scattering undergrowth; asc. gradual NE. slope 5 ft.
1.00	Top of ascent, bears NW. and SE.; desc. gradually 20 ft.
2.70	Leave timber, bears NW. and SE.
3.70	Rim of reef, bears N.20°W. and S.20°E.; desc. abruptly 155 ft. over SW. slope.
6.10	Top of broken ledge, 30 ft. high, bears N.20°W. and S.20°E.
12.50	Draw, drains W.; asc. NW. slope 40 ft.
14.20	Spur, projects SW. approximately 15.00 chs. dist; desc. SE. slope 135 ft.
36.60	Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of hollow, from N.20°E., drains S.20°E.; asc. NE. slope 20 ft. to
40.04	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\frac{1}{4}$ S 2. | S 1. 1924 </div>
	and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
41.60	Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects SE. about 8.00 chs. dist.; desc. 25 ft.
42.60	Draw, drains SE.; asc. 45 ft. over NE. slope.
61.50	Spur, projects E. approximately 5.00 chs. dist.; desc. 60 ft.
69.70	Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains E. about 1.00 chs. dist., thence S.; asc. NE. slope 15 ft. to

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

80.04 The cor. of secs. 1, 2, 11 and 12.

Land, rough and broken top of reef, N. 3.70 chs.; abrupt SW. slope of reef and rolling bad lands, S. 76.34 chs. sandstone and shale formation; general drainage SW. to Westwater Creek.

Soil, dark red sand and red sandy loam, about 3 ins. to 1 ft. deep, lying on bedrock or on a gravelly, light, sandy, chalky formation, on top of reef; 1st. and 2nd. rate; dark clay, about 3 ins. to 3 ft. deep, lying on shale, on SW. slope of reef and on rolling bad lands; 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, scattering to a medium growth of shadscale, yellow top and greasewood.

Sparse growth of buffalo grass.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described,

N.0°01'W., bet. secs. 34 and 35.

Over rolling bad lands, through medium dense short undergrowth; desc. NW. slope 10 ft.

0.60 Draw, drains SW.; asc. 60 ft.

2.90 Spur, projects SW.; desc. 35 ft.

6.90 Draw, drains SW.; asc. gradually 90 ft. over spurs and draws, putting SW.

29.80 Spur, projects SW. approximately 25.00 chs. dist.; desc. 50 ft.

34.90 Draw, drains W.; asc. 25 ft.

37.00 Spur, projects W. about 4.00 chs. dist.; desc. 20 ft.

38.80 Draw, drains SW.; asc. SE. slope 15 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 34 S 35

1924

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

At the base of the monument, I deposit a sandstone,
4x3x1 ins., marked with a cross (X). Other accessories
impracticable.

- 40.10 Spur, 5 ft. above $\frac{1}{4}$ sec. cor., projects SW. about 2.00
chs. dist.; desc. 15 ft.
- 41.80 Draw, drains SW.; asc. 35 ft.
- 45.00 Spur, projects SW. approximately 15.00 chs. dist.; desc.
15 ft.
- 49.50 Draw, drains S.60°W.; asc. 35 ft.
- 55.00 Spur, projects SW. about 30.00 chs. dist.; desc. 25 ft.
- 58.80 Draw, drains W.; asc. 80 ft. over general SW. slope.
- 77.30 Ridge, bears N. and S.25°E.; at this point a spur pro-
jects SW. about 20.00 chs. dist.; desc. gradually 5 ft.
along top of ridge to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 26, 27, 34 and 35,
with brass cap marked:

T18S	R24E
S27	S26
S34	S35

1924

At the base of the monument, I deposit a sandstone,
9x7x1 ins., marked with a cross (X). Other accessories
impracticable.

Land, rolling bad lands, draining SW.; shale and sand-
stone formation.

Soil, light clay, about 3 ins. to 1 ft. deep, lying on
shale; 4th. rate.

Undergrowth, shadscale, salt brush and yellow top.

No timber. Fair growth of buffalo grass.

East, on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line, 9 lks. S. of the cor. of secs.
25, 26, 35 and 36.

Thence,

S.89°56'W., on a true line bet. secs. 26 and 35.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Over rolling land, through dense short undergrowth;

asc. gradual NE. slope 20 ft.

7.30 Spur, projects SE.; desc. gradually 10 ft.

11.50 Dry wash, 15 lks. wide, 4 ft. deep, in the bottom of

draw, drains SE.; asc. gradually 25 ft.

25.50 Old road, bears N.20°W. and S.20°E.

26.30 Spur, projects S.20°E.; desc. 25 ft.

36.60 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of

swale, drains southeasterly; asc. gradually 10 ft. over

general E. slope to

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 26

$\frac{1}{4}$
S 35
1924

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

From this cor., asc. gradually 170 ft. to sec. cor., over draws and low spurs, putting SE.

79.96 The cor. of secs. 26, 27, 34 and 35, on top of ridge, bearing N. and S.

Land, rolling bad lands, draining SE.; shale and sandstone formation.

Soil, light clay, about 3 ins. to 1 ft. deep, lying on shale; 4th. rate.

Undergrowth, medium to dense short shadscale and salt brush.

No timber. Fair grazing of buffalo grass.

N.0°01'W., bet. secs. 26 and 27.

Desc. gradually 5 ft. along top of ridge, through dense short undergrowth.

5.00 Leave top of ridge, bears NW. and S.; desc. general NE. slope 45 ft., over spurs and draws, putting E.

19.70 Draw, drains E.; asc. 20 ft.

26.50 Spur, projects S.80°E. approximately 25.00 chs. dist.; desc. 15 ft.

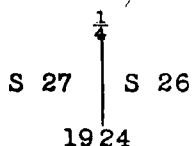
Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

37.20 Draw, drains E.; asc. 20 ft.

38.50 Spur, projects E. about 20.00 chs. dist.; desc. 15 ft.

39.00 Draw, drains E.; asc. general SW. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

At the base of the monument, I deposit a sandstone, 8x6x1 ins., marked with a cross (X). Other accessories impracticable.

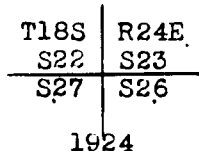
46.90 Dry wash, 15 lks. wide, 2 ft. deep, drains SE.

56.60 Spur, 70 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximately 20.00 chs. dist.; desc. 25 ft. across the head of draw, draining SE.

60.90 Old road, bears NE. and SE.

61.60 Ridge, bears NE. and SW.; desc. gradually 15 ft., over general W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked:



and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, rolling bad lands; shale and sandstone formation; general drainage SE., S. 61.60 chs.; N. 18.40 chs. drain SW.

Soil, light clay, about 3 ins. to 3 ft. deep, lying on shale; 4th. rate.

Undergrowth, medium to a dense growth of shadscale, salt brush and yellow top.

No timber. Fair grazing of buffalo grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

- Chains. N.89°56'E., on a random line bet. secs. 23 and 26.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line, 7 lks. S. of the true point for cor. of secs. 23, 24, 25 and 26, or 23 lks. N. of the witness cor. for these secs.
- Thence, from the true point for cor. of secs. 23, 24, 25 and 26,,
- S.89°53'W., on a true line bet. secs. 23 and 26.
- Over level bottom land, through dense greasewood.
- 1.50 Dry wash, 15 lks. wide, 4 ft. deep, drains SE.
- 1.60 Leave greasewood, bears NW. and SE., and enter medium dense shadscale, salt brush and yellow top.
- 1.80 Leave bottom land, bears NW. and SE.; begin ascent of 65 ft. to $\frac{1}{4}$ sec. cor., over general SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 23 \\ \frac{1}{4} \\ S\ 26 \\ 1924 \end{array}$$
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 46.30 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects northeasterly; desc. 10 ft.
- 50.20 Draw, drains NE.; asc. 190 ft. over general NE. slope.
- 67.40 Spur, from NW., projects S.70°E. approximately 20.00 chs. dist.; desc. 25 ft.
- 68.40 Head of draw, drains S.; asc. 20 ft.
- 69.20 Same spur as noted at 67.40 chs., projects NE. about 2:00 chs. dist.; thence SE.; desc. 50 ft.
- 72.80 Draw, drains NW.; asc. 45 ft.
- 79.00 Ridge, bears NW. and SE.; old road, bears NW. and SE.; desc. gradual SW. slope 5 ft. to .
- 80.00 The cor. of secs. 22, 23, 26 and 27.
- Land, level bottom, E. 1.80 chs.; rolling bad lands, W. 78.20 chs.; shale and sandstone formation; general drainage SE. and NE. to Westwater Creek.
- Soil, dark sandy loam or sandy clay loam, several ft.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

deep, on the bottom land; 1st. rate; light clay, about
3 ins. to 2 ft. deep, lying on shale, on the rolling
bad lands; 4th. rate.

Undergrowth, shadscale, salt brush, greasewood and yellow
top.

No timber. Scattering to a medium growth of grass.

N.0°01'W. bet. secs. 22 and 23.

Over rolling bad lands, through medium dense undergrowth;
asc. SW. slope 5 ft.

2.00 Ridge, bears NW. and SE.; old road, bears NW. and SE.;
desc. NE. slope 65 ft.

9.90 Draw, drains E.; asc. SE. slope 41 ft.

24.00 Spur, projects northeasterly approximately 60.00 chs.
dist.; desc. 50 ft.

35.40 Draw, drains N.60°E.; asc. S. slope 41 ft.

38.00 Spur, projects easterly about 1.00 chs. dist.; desc. 11
ft.

39.70 Draw, drains E.; asc. SW. slope 15 ft. to

45.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for sec. cor., with brass cap marked:

S 22	S 23
1924	

At the base of the monument, I deposit a sandstone,
7x5x1 ins., marked with a cross (X). Other accessories
impracticable.

41.90 Spur, 30 ft. above sec. cor., projects S.60°E. approxi-
mately 6.00 chs. dist.; desc. 55 ft.

55.90 Draw, drains S.60°E.; asc. S. slope 70 ft.

69.40 Spur, projects E. about 40.00 chs. dist.; desc. general
N. slope 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 14, 15, 22 and 23, with
brass cap marked:

T18S	R24E
S15	S14
S22	S23
1924	

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.; also, at the base of the monument, I deposit a sandstone, 6x4x1 ins., marked with a cross (X).

Land, rolling bad lands, draining generally to the E. to Westwater Creek; shale and sandstone formation. Soil, light clay, or adobe clay, about 3 ins. to 3 ft. deep, lying on shale; 4th. rate.

Undergrowth, shadscale, salt brush and yellow top.

No timber. Sparse growth of buffalo grass.

N.89°53'E., on a random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,

S.89°56'W., on a true line bet. secs. 14 and 23.

Over level bottom land, through medium dense greasewood, shadscale, salt brush and sagebrush.

0.90 Dry wash, 30 lks. wide, 12 ft. deep, drains S.10°W.

2.60 E. bank of Westwater Wash, 15 ft. high, bears N. and S.

4.80 Stream of clear, alkali water, 5 lks. wide, 4 ins. deep, course S.

5.00 W. bank of Westwater Wash, 15 ft. high, bears N. and S.

11.40 Leave greasewood, bears N. and S.

11.60 Leave level bottom land, bears N. and S.; begin ascent of 65 ft. over E. slope.

21.70 Spur, projects S. approximately 15.00 chs. dist.; desc. 40 ft.

25.70 Dry wash, 15 lks. wide; 4 ft. deep, in the bottom of draw, drains SE.; asc. 60 ft.

37.30 Spur, projects SE. about 30.00 chs. dist.; leave sagebrush, bears NE. and SW.; desc. SW. slope 45 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

S 14

S 23

1924

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

From this cor., descent becomes gradual across swale.

45.50 Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of
swale, 10 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc.
gradual NE. slope 85 ft. to sec. cor.

45.70 Enter medium dense growth of greasewood, bears NW. and
SE.

60.00 Leave greasewood, bears NW. and SE.

80.00 The cor. of secs. 14, 15, 22 and 23.

Land, level bottom land, E. 11.60 chs.; rolling bad lands
and nearly level swale, W. 68.40 chs.; shale and sand-
stone formation; general drainage E. and SE. to West-
water Creek.

Soil, dark sandy loam or sandy clay loam, several ft.
deep, on level bottom land; 1st. rate; sandy loam or
adobe clay, about 3 ins. to 6 ft. deep, lying on shale,
on rolling bad lands and in swale; 1st. to 4th. rate.

Undergrowth, shadscale, greasewood, salt brush and sage-
brush.

No timber. Poor to fair growth of buffalo grass.

N. $0^{\circ}01'W.$, bet. secs. 14 and 15.

Over rolling land, through medium dense short under-
growth; desc. general NE. slope 40 ft.

10.00 Dry wash, 10 lks. wide, 2 ft. deep, drains E.

11.30 Dry wash, 40 lks. wide, 6 ft. deep, in the bottom of
hollow, drains S. $60^{\circ}E.$; asc. 15 ft.

15.00 Spur, slopes SE. about 2.00 chs. dist.; desc. 15 ft.

17.20 Draw, drains E.; asc. 15 ft.

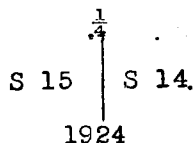
19.60 Spur, slopes E. about 1.50 chs. dist.; desc. 15 ft.

20.70 Dry wash, 15 lks. wide, 3 ft. deep, in the bottom of
hollow, drains SE.; asc. SE. slope 55 ft.

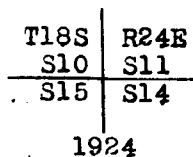
Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 24.40 Spur, projects SW. about 3.00 chs. dist.; desc. 25 ft.
 25.70 Draw, drains SW.; asc. 55 ft. to $\frac{1}{4}$ sec. cor., over spurs
 and draws, putting SW.
 40.00 On a SW. slope, set an iron post, 3 ft. long, 1 in. in
 diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with
 brass cap marked:



- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.; also, at the base of the monument, I de-
 posit a sandstone, 5x4x1 ins., marked with a cross (X).
 45.00 Ridge, 15 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc.
 gradual NE. slope 15 ft.
 59.40 Dry wash, 15 lks. wide, 4 ft. deep, in the bottom of
 draw, drains N.60°E.; asc. 30 ft.
 63.80 Spur, projects N.60°E. approximately 5.00 chs. dist.;
 desc. 40 ft..
 65.70 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of
 draw, drains N.70°E.; asc. 35 ft.
 67.50 Spur, slopes E. about 1.00 chs. dist.; desc. 25 ft.
 68.30 Draw, drains E.; asc. 40 ft.
 72.90 Spur, projects E. approximately 10.00 chs. dist.; desc.
 50 ft.
 76.90 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of
 draw, drains easterly; asc. 35 ft.
 79.40 Spur, projects southeasterly about 8.00 chs. dist.; desc.
 NE. slope 10 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in the ground, for cor. of secs. 10, 11, 14 and 15,
 with brass cap marked;



and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.; also, at the base of the monument, I

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

deposit a sandstone, 8x8x2 ins., marked with a cross (X).

From this sec. cor., the NW. cor. of Thomas Larsen's lower ranch house, 27½ X 19 ft., constructed of logs and lumber, bears N.72°47'E. 17.30 chs. dist.; from the NE. cor. of this house, the SW. cor. of a woven wire corral, 51 X 50 ft., bears approximately N.60°E. 53 lks. dist.

Land, rolling bad lands, draining easterly and southeasterly into Westwater Creek; shale and sandstone formation.

Soil, light clay or adobe clay, varying in depth from a few ins. to about 3 ft., lying on shale, on greater portion of mile; 4th. rate; sandy loam, several ft. deep, lying on shale or on a clay subsoil, in the bottoms of some of the hollows and draws; 1st. to 2nd. rate.

Undergrowth, shadscale, yellow top, salt brush and sagebrush.

No timber. Poor to a fair growth of buffalo grass.

N.89°56'E., on a random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence,

N.89°58'W., on a true line bet. secs. 11 and 14.

Over rolling bad lands, through scattering undergrowth; asc. 30 ft. along general N. slope, across the head of draw, draining N.

16.60 Spur, projects N. approximately 10.00 chs. dist.; desc. 70 ft.

19.50 Draw, drains N.; asc. 75 ft.

22.30 Spur, projects northwesterly about 8.00 chs. dist.; desc. 195 ft.

34.60 Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

hollow, drains SW.; asc. E. slope 35 ft.

38.20 Spur, slopes S. about 2.00 chs. dist.; desc. 20 ft.

39.30 Dry wash, 15 lks. wide, 3 ft. deep, in the bottom of
draw, drains S.; asc. gradual E. slope 5 ft. to

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 11

S 14

1924

from which,

A cedar limb, 6 ins. diam., bears N.26°30'W., 181
lks. dist., marked $\frac{1}{4}$ S 11 B T.

There are no other trees available; therefore, I raise
a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.40 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects S. about 3.00
chs. dist.; desc. W. slope 55 ft.

47.20 Base of descent, bears N.30°W. and S.30°E.; over nearly
level bottom land.

47.30 Leave scattering shadscale, yellow top and salt brush.

47.40 Road, bears N.30°W. to Larsen's ranches and S.30°E. to
the Pike's Peak-Ocean to Ocean Highway.

47.80 Irrigation ditch, 5 lks. wide, 1 ft. deep, drains SE.

48.20 Woven wire fence, 5 ft. high, bears approximately N.30°W.
and S.30°E., on E. side of field.

48.50 Enter dense tall greasewood, bears NW. and SE.

52.50 Dry wash, 30 lks. wide, 4 ft. deep, drains S.

54.50 E. bank of Westwater Wash, 3 ft. high, bears NW. and SE.

54.80 Stream of clear, alkali water, 4 lks. wide, 6 ins. deep,
course SE.

55.10 W. bank of Westwater Wash, 3 ft. high, bears NW. and SE.

56.40 E. bank of Westwater Wash, 3 ft. high, bears N.70°E.
and S.70°W.

57.10 Stream of clear, alkali water, 6 lks. wide, 4 ins. deep,
course N.70°E.

58.70 W. bank of Westwater Wash, 3 ft. high, bears N.70°E.
and S.70°W.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 62.00 Leave greasewood, bears N.30°W. and S.30°E., and enter cultivated land.
- 64.00 Leave cultivated land, bears N.30°W. and S.30°E., and enter dense tall greasewood and sagebrush.
- 67.50 E. bank of Westwater Wash, 4 ft. high, bears N. and S.
- 67.70 Stream of clear, alkali water, 6 lks. wide, 4 ins. deep, course S.
- 68.70 W. bank of Westwater Wash, 4 ft. high, bears N. and S.
- 68.72 Woven wire fence, 5 ft. high, bears approximately N. and S., on W. side of field.
- 75.00 Leave undergrowth of greasewood and sagebrush, bears NW. and SE., and enter a medium dense growth of shadscale and yellow top.
- 75.10 Leave bottom land, bears NW. and SE., asc. NE. slope 50 ft. to sec. cor., over rolling bad lands.
- 80.02 The cor. of secs. 10, 11, 14 and 15.
- Land, rolling bad lands and level bottom land, draining E., SE. and SW. to Westwater Creek; shale and sandstone formation.
- Soil, light clay or adobe clay, varying in depth from about 3 ins. to several ft., lying on shale, on the rolling bad lands; 4th. rate; sandy loam, several ft. deep, on the bottom land; 1st. rate.
- Undergrowth, greasewood, shadscale, sagebrush, salt brush and yellow top.
- Timber, a few scattering cedar.
- Poor to fair grazing of buffalo grass, on rolling bad lands.
-
- N.0°01'W., bet. secs. 10 and 11.
- Desc. NE. slope 40 ft., through medium dense shadscale, yellow top and sagebrush.
- 2.00 Base of descent, bears NW. and SE.; enter dense tall greasewood, bears NW. and SE.; over nearly level bottom land.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 11.90 S. bank of Westwater Wash, 5 ft. high, bears NW. and SE.
- 12.90 Stream of clear, alkali water, 6 lks. wide, 6 ins. deep,
course SE.
- 13.90 N. bank of Westwater Wash, 6 ft. high, bears NW. and SE.
- 13.93 Irrigation ditch, 4 lks. wide, 2 ft. deep, drains SE.
- 15.20 Dry wash, from N.10°E., 40 lks. wide, 6 ft. deep, drains
SE.
- 18.90 Leave greasewood, bears NW. and SE.
- 19.00 Leave bottom land, bears NW. and SE.; asc. gradual SE.
slope 35 ft. to $\frac{1}{4}$ sec. cor.
- 25.50 Road, from Larsen's ranches to the Pike's Peak-Ocean to
Ocean Highway, bears NW. and SE..
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{c} \frac{1}{4} \\ \downarrow \\ S\ 10 \quad | \quad S\ 11 \\ \hline 1924 \end{array}$$
- At the base of the monument, I deposit a sandstone,
10x10x2 ins., marked with a cross (X). Other accessor-
ies impracticable.
- 41.80 Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects SW. about 5.00
chs. dist.; desc. gradually 10 ft. along NW. slope.
- 51.80 Dry wash, 25 lks. wide, 3 ft. deep, in the bottom of
hollow, drains SW.; asc. 60 ft. along general E. slope.
- 58.10 Spur, slopes NE. about 1.00 chs. dist.; desc. 25 ft.
- 69.90 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of
hollow, drains S.20°E.; asc. 55 ft.
- 76.70 Spur, projects S.20°E. approximately 12.00 chs. dist.;
desc. along NE. slope 15 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
in the ground to solid rock, and in a mound of stone,
3 ft. base, 10 ins. high, for cor. of secs. 2, 3, 10
and 11, with brass cap marked:

T18S	R24E
S3	S2
S10	S11

1924

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

At the base of the monument, I deposit a sandstone,
7x5x2 ins., marked with a cross (X).

Land, rolling bad lands and level bottom land, draining
NE. and SW. to Westwater Creek; shale and sandstone
formation.

Soil, sandy loam, several ft. deep, on the bottom land;
1st. rate; light clay or adobe clay, varying in depth
from a few ins. to several ft., lying on shale, on
the rolling bad lands; 4th. rate.

Undergrowth, shadscale, greasewood, yellow top and sage-
brush.

No timber. Poor to fair grazing of buffalo grass.

S.89°58'E., on a random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
1, 2, 11 and 12.

Thence,

S.89°59'W., on a true line bet. secs. 2 and 11.

Over rolling bad lands, through medium dense shadscale,
salt brush, yellow top and greasewood; desc. SW. slope
15 ft.

2.00 Draw, drains SE.; asc. 45 ft. over NE. slope.

8.40 Spur, projects S.20°W. approximately 15.00 chs. dist.;
desc. 35 ft.

14.50 Dry wash, 15 lks. wide, 5 ft. deep, in the bottom of
draw, drains S.; asc. 30 ft.

19.80 Spur, projects S.; desc. 45 ft.

32.40 Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of
hollow, drains S.; asc. SE. slope 30 ft.

37.40 Spur, projects southwesterly approximately 40.00 chs.
dist.; desc. NW. slope 15 ft. to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 2
 $\frac{1}{4}$ ———
S 11
1924

Survey of the Subdivision of T. 12 S., R. 24 E.,

Chains.

and dig pits, 12x12x12 ins., E. and W. of post, 2
dist.

46.50 Dry wash, 40 lks. wide, 10 ft. deep, in the bottom of
hollow, 45 ft. below $\frac{1}{2}$ sec. cor., drains S.; asc. E.
slope 65 ft.

50.30 Top of ascent or E. edge of bench, bears N. and S.;
leave undergrowth of shadscale, salt brush and greasewood,
bears N. and S., and enter dense sagebrush;
over nearly level top.

54.70 E. edge of bench, bears N. and S.; leave sagebrush,
bears N. and S., and enter a medium dense growth of
shadscale, salt brush and greasewood; desc. W. slope
80 ft.

56.10 Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of
hollow, drains S.; asc. SE. slope 80 ft.

60.70 Spur, projects southwesterly; desc. 70 ft.

74.90 Dry wash, 30 lks. wide, 5 ft. deep, in the bottom of
hollow, drains S. 20° E.; asc. NE. slope 55 ft. to

78.90 The cor. of secs. 2, 3, 10 and 11.

Land, rolling bad lands and bench, draining S. and SW.
to Westwater Creek; shale and sandstone formation.

Soil, light clay or adobe clay, varying in depth from
a few ins. to several ft., lying on shale, on the
rolling bad lands; 4th. rate; red sandy loam, about
1 ft. deep, lying on a gravelly, light, sandy, chalky
formation, on bench; 2nd. rate.

Undergrowth, shadscale, sagebrush, salt brush, greasewood
and yellow top.

No timber. Fair grazing of buffalo grass.

N. 0° 05' E., on a random line bet. secs. 2 and 3.

40.00 3rd temp. $\frac{1}{2}$ sec. cor.

79.00 Intersect the E. bdy. of the Tp., 5 lks. E. of the cor.
of secs. 2, 3, 34 and 35, hereinbefore described.

Thence,

S. 0° 05' E., on a true line bet. secs. 2 and 3.

Survey of the Subdivision of T. 18 S., R. 24 E.

- Chains.** Over rolling land, through medium dense undergrowth; asc. gradual NW. slope 15 ft.
- 10.50 Low spur, from NE., projects S.; desc. 140 ft. along top.
- 32.30 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of hollow, drains S.20°E.; asc. 50 ft.
- 37.20 Spur, slopes E. about 1.00 chs. dist.; desc. 10 ft. to
- 39.93 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$
 S 3 | S 2
 1924
- and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
- 40.10 Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc. 10 ft.
- 47.10 Spur, projects SE. approximately 10.00 chs. dist.; desc. 100 ft.
- 55.80 Dry wash, 20 lks. wide, 6 ft. deep, in the bottom of draw, drains SE.; asc. 75 ft.
- 60.20 Spur, projects southeasterly; desc. 55 ft.
- 66.10 Draw, drains W. about 1.00 chs. dist., thence SW.; asc. 15 ft.
- 70.10 Spur, projects W. approximately 1.00 chs. dist.; desc. 45 ft.
- 72.10 Dry wash, 15 lks. wide, 4 ft. deep, in the bottom of hollow, drains SE.; asc. NE. slope 20 ft. to
- 79.93 The cor. of secs. 2, 3, 10 and 11.
- Land, rolling bad lands, draining generally SW. to West-water Creek; shale and sandstone formation.
- Soil, light clay or adobe clay, varying in depth from a few ins. to several ft., lying on shale; 4th. rate.
- Undergrowth, shadscale, yellow top, sagebrush and salt brush.
- Timber, a few scattering cedar, N. $\frac{1}{2}$ mile.
- Fair to good grazing of buffalo grass.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

of the Tp., hereinbefore described,

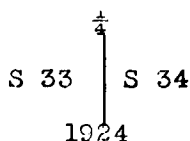
N.0°02'W., bet. secs. 33 and 34.

Over rolling land, through médium dense undergrowth;
asc. 75 ft. along SW. slope.

21.70 Ridge, bears NW. and SE.; desc. 25 ft. over spurs and
draws, putting SE. and NE., on NE. slope.

38.60 Dry wash, 15 lks. wide, 4 ft. deep, in the bottom of
hollow, drains SE.; asc. SW. slope 5 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

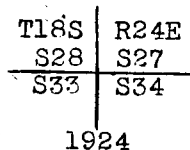


At the base of the monument, I deposit a sandstone,
8x4x1 ins., marked with a cross (X). Other accessories
impracticable.

From this $\frac{1}{4}$ sec. cor., asc. 50 ft. over spurs and draws,
putting SW.

63.30 Spur, projects SE. approximately 25.00 chs. dist.; desc.
15 ft. to sec. cor., over spurs and draws, putting SE.
on NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 27, 28, 33 and 34, with
brass cap marked:



and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.

Land, rolling and rolling bad lands, draining generally
to the SE. to Sulphur Wash; shale and sandstone forma-
tion.

Soil, light clay, about 3 to 6 ins. deep, lying on a
light clay mixed with shale, S. 20.00 chs.; red sandy
clay, about 3 to 30 ins. deep, lying on a light clay
mixed with shale, N. 60.00 chs.; 3rd. to 4th. rate.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Undergrowth, shadscale, salt brush and yellow top.
Fair to good grazing of buffalo grass.
No timber.

East, on a random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 11 lks. S. of the cor. of secs.
. 26, 27, 34 and 35.

Thence,

S. $89^{\circ}55'W.$, on a true line bet. secs. 27 and 34.

Desc. general W. slope, over spurs and draws, putting
SW., through dense short undergrowth.

33.00 Dry wash, 60 lks. wide, 6 ft. deep, in the bottom of
hollow, 115 ft. below sec. cor., drains S. $15^{\circ}E.$; asc.
NE. slope 25 ft.

35.30 Spur, projects S. $15^{\circ}E.$ approximately 15.00 chs. dist.;
desc. 15 ft.

36.30 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of
draw, drains S. $15^{\circ}E.$; asc. gradually 15 ft. along W.
side of bottom of draw, to

39.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap
marked:

W	$\frac{1}{4}$	S 27
C		S 34
		1924

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

39.99 True point for $\frac{1}{4}$ sec. cor., falls in the bottom of the
same wash as noted at 36.30 chs., 20 lks. wide, 2 ft.
deep, draining N. $70^{\circ}E.$; impracticable to set cor. at
this point. The true point for $\frac{1}{4}$ sec. cor. is 5 ft.
below the witness cor.

41.50 Leave bottom of draw; begin ascent of 45 ft. over NE.
slope.

58.30 Spur, projects S. $70^{\circ}E.$ approximately 20.00 chs. dist.;

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- desc. 40 ft. over spurs and draws, putting S.
- 72.00 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains S.20°E.; asc. 10 ft.
- 75.00 Spur, slopes S.30°E. about 3.00 chs. dist.; desc. 15 ft.
- 77.40 Dry wash, 20 lks. wide, 8 ft. deep, in the bottom of draw, drains SE.; asc. NE. slope 15 ft. to
- 79.98 The cor. of secs. 27, 28, 33 and 34.
- Land, rolling bad lands, draining generally SE.; shale and sandstone formation.
- Soil, light clay or red sandy clay, varying in depth from a few ins. to several ft., lying on shale; 4th. rate.
- Undergrowth, shadscale, salt brush and yellow top.
- Fair to good grazing of buffalo grass.
- No timber.

N.0°02'W., bet. secs. 27 and 28.

Desc. NE. slope 5 ft., through medium dense undergrowth.

- 3.00 Dry wash, 20 lks. wide, 8 ft. deep, in the bottom of draw, drains SE.; asc. 80 ft. over spurs and draws, putting SW., on general SW. slope.
- 35.00 Spur, projects S.60°E. about 3.00 chs. dist., thence S.20°E.; desc. NE. slope 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{ccc} & \frac{1}{4} & \\ & \downarrow & \\ \text{S } 28 & | & \text{S } 27 \\ & 1924 & \end{array}$$

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 40.20 Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 10 ft.
- 41.30 Spur, projects SE. about 1.00 chs. dist., thence NE.; desc. 20 ft. over spurs and draws, putting NE.
- 51.00 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains S.60°E.; asc. 25 ft.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

58.20 Spur, projects SE. approximately 10.00 chs. dist.; desc.
15 ft.

73.30 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of
hollow, drains SE.; asc. 40 ft.

78.90 Spur, projects SE. about 20.00 chs. dist.; desc. gradual
NE. slope 5 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 21, 22, 27 and 28,
with brass cap marked:

T18S	R24E
S21	S22
S28	S27

1924

and raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.

Land, rolling bad lands, draining SE.; shale and sand-
stone formation.

Soil, light clay, adobe clay or a red sandy clay, vary-
ing in depth from about 3 ins. to 3 ft., lying on a
shale mixed with clay; 3rd. to 4th. rate.

Undergrowth, shadscale, salt brush, yellow top and sage-
brush.

Poor to fair grazing of buffalo grass.

No timber.

N.89°55'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
22, 23, 26 and 27.

Thence,

S.89°58'W., on a true line bet. secs. 22 and 27.

Over rolling land, through medium dense shadscale,
yellow top and rabbit brush; desc. SW. slope 80 ft.,
over spurs and draws, putting SW.

39.60 Dry wash, 30 lks. wide, 3 ft. deep, in the bottom of
hollow, drains S.15°W.; asc. E. slope 5 ft. to

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S. 22
 $\frac{1}{4}$ —————
S 27
1924

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

40.50 Enter dense salt brush, bears N. and S.

42.00 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects S. approximately 12.00 chs. dist.; desc. 15 ft.

45.80 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S.20°W.; asc. 15 ft.

52.00 Spur, projects S. about 15.00 chs. dist.; desc. 25 ft.

70.60 Dry wash, 30 lks. wide, 8 ft. deep, in the bottom of hollow, drains S.20°E.; asc. NE. slope 30 ft. to

80.02 The cor. of secs. 21, 22, 27 and 28.

Land, rolling, with general drainage S.; shale and sandstone formation.

Soil, light clay, varying in depth from about 3 ins. to 1 ft., lying on shale mixed with clay; 4th. rate.

Undergrowth, shadscale, salt brush, yellow top and rabbit brush.

Good grazing of buffalo grass.

No timber.

N.0°02'W., bet. secs. 21 and 22.

Desc. gradual NE. slope 20 ft., over spurs and draws, putting NE., through medium dense shadscale, yellow top and sagebrush.

25.00 Enter scattering greasewood.

35.30 Dry wash, 30 lks. wide, 5 ft. deep, in the bottom of hollow, drains S.20°E.; asc. SE. slope 20 ft. to $\frac{1}{4}$ sec. cor.

35.50 Leave greasewood.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

S 21

S 22

1924

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

42.00 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects SW. about 3.00 chs. dist.; desc. 10 ft.

45.00 Draw, drains SW.; asc. 65 ft. over spurs and draws, putting SW., on general SW. slope.

74.30 Spur, projects W. about 1.00 chs. dist., thence SW. approximately 10.00 chs. dist.; desc. general NW. slope 10 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked:

T18S	R24E
S16	S15
S21	S22

1924

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

From this cor., a cedar, 6 ins. diam., bears N.20°30'E., 213 lks. dist., marked T 18 S R 24 E S 15 B T.

There are no other trees available.

Land, rolling, draining generally to the SE.; shale and sandstone formation.

Soil, light clay, varying in depth from about 3 ins. to $1\frac{1}{2}$ ft., lying on shale mixed with clay; 4th. rate.

Undergrowth, shadscale, yellow top, sagebrush and greasewood.

Fair grazing of buffalo grass.

Timber, a few scattering cedar.

N.89°58'E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Thence,

S.89°56'W., on a true line bet. secs. 15 and 22.

Over rolling bad lands, through medium dense short undergrowth; asc. general NE. slope 30 ft.

3.10 Spur, projects NE. about 5.00 chs. dist.; desc. 40 ft.

14.00 Draw, drains NE.; asc. 35 ft.

15.50 Spur, projects N.60°E. approximately 6.00 chs. dist.; desc. 40 ft.

20.10 Draw, drains N.60°E.; asc. 75 ft. over spurs and draws, putting SE., on general SE. slope, to

35.00 Bearing of ascent changes from NE. and SW. to NW. and SE.; enter a medium growth of timber, bears N. and S.; asc. gradually 10 ft. to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 15 \\ \frac{1}{4} \\ \hline S\ 22 \\ 1924 \end{array}$$

from which,

A cedar, 10 ins. diam., bears N.3°15'W., 209 lks. dist., marked $\frac{1}{4}$ S 15 B T.A cedar limb, 6 ins. diam., bears S.76°45'W., 70 lks. dist., marked $\frac{1}{4}$ S 22 B T.64.00 Ridge, 40 ft. above $\frac{1}{4}$ sec. cor., bears N.30°W. and S.30°E.; leave medium growth of timber, bears NW. and SE., and enter scattering; desc. SW. slope 30 ft. to sec. cor.

65.00 Old road, bears NW. and SE.

79.98 The cor. of secs. 15, 16, 21 and 22.

Land, rolling bad lands, E. 35.00 chs.; rolling, W.

44.98 chs.; general drainage NE., E. 64.00 chs.; W.

15.98 chs. drain generally SE.; shale and sandstone formation.

Soil, adobe clay and light clay, varying in depth from about 3 ins. to 3 ft., lying on shale mixed with clay; 4th. rate.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Timber, cedar.

Undergrowth, shadscale, yellow top and sagebrush.

Fair grazing of buffalo grass, W. $\frac{1}{2}$ mile.

N.0°02'W., bet. secs. 15 and 16.

Over rolling land, through medium dense undergrowth;
asc. 40 ft. along SW. slope.

30.50 Old road, bears NW. and SE.

34.40 Ridge, bears SE. and NW. about 12.00 chs. dist., thence
N.; desc. NE. slope 25 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 16	|	S 15
1924		

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.

44.50 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.70°E.; asc. 40
ft. over spurs and draws, putting SE., on general E.
slope.

68.50 Ridge, bears N.60°W. and S.60°E.; desc. 40 ft. to sec.
cor., over spurs and draws, putting NE.

80.00 On top of spur, from S.20°W., and projecting N. about
1.50 chs. dist., set an iron post, 3 ft. long, 2 ins.
in diam., 27 ins. in the ground, for cor. of secs. 9,
10, 15 and 16, with brass cap marked:

T18S	|	R24E
S9	|	S10
S16	|	S15
1924		

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.; also, at the base of the monument,
I deposit a shale stone, 8x5x2 ins., marked with a
cross (X).

Land, rolling, draining SE., S. 34.40 chs.; rolling bad
lands, draining SE. and NE., N. 45.60 chs.; shale and
sandstone formation.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Soil, light clay or adobe clay, about 3 ins. to 3 ft. deep, lying on shale or on a shale mixed with clay; 4th. rate.

Timber, scattering cedar W. of line about 5.00 chs. dist., on N. $\frac{1}{2}$ mile.

Undergrowth, shadscale, salt brush, sagebrush and yellow top.

Fair growth of buffalo grass, S. 34.40 chs.

N. 89°56'E., on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence,

S. 89°55'W., on a true line bet. secs. 10 and 15.

Asc. NE. slope 15 ft., through medium dense undergrowth.

1.00 Spur, projects SE.; asc. 45 ft. across the head of draw, draining SE.

11.60 Spur, projects NE. approximately 15.00 chs. dist.; desc. 25 ft.

22.50 Draw, drains N. 60°E.; asc. 30 ft.

26.00 Spur, projects N. 70°E. about 8.00 chs. dist.; desc. 30 ft.

31.90 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of hollow, drains N. 70°E.; asc. SE. slope 45 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 10 \\ \frac{1}{4} \\ \hline S\ 15 \\ 1924 \end{array}$$

and raise a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, N. of cor.

43.60 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects NE. approximately 30.00 chs. dist.; desc. 30 ft.

50.30 Draw, drains NE.; asc. 35 ft.

52.60 Spur, projects N. 30°E. about 15.00 chs. dist.; desc. 45 ft.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 52.80 Draw, drains NE.; asc. 25 ft.
- 63.00 Spur, projects NE. approximately 10.00 chs. dist.; desc. gradually 10 ft.
- 77.40 Draw, drains N.10°E.; asc. E. slope 20 ft. to
- 80.00 The cor. of secs. 9, 10, 15 and 16.
- Land, rolling bad lands, draining NE. to Westwater Creek; shale and sandstone formation.
- Soil, light clay or adobe clay, varying in depth from a few ins. to about 3 ft., lying on shale, on greater portion of mile; 4th. rate; sandy loam, several ft. deep, lying on shale or on a clay subsoil, in the bottoms of some of the hollows and draws; 1st. to 2nd. rate.
- Timber, a few scattering cedar, E. $\frac{1}{2}$ mile.
- Undergrowth, shadscale, yellow top, salt brush and sagebrush.
- Fair growth of buffalo grass.

N.0°02'W., bet. secs. 9 and 10.

Over rolling bad lands, through medium dense shadscale, salt brush, yellow top and sagebrush; desc. 25 ft. along top of spur, sloping N.

- 1.50 Leave foot of spur; desc. gradually 5 ft.
- 7.70 Dry wash, 25 lks. wide, 10 ft. deep, in the bottom of hollow, drains E.; asc. S. slope 45 ft.
- 16.60 Spur, projects S.80°E. about 7.00 chs. dist.; desc. 25 ft.
- 18.40 Draw, drains S.70°E.; asc. S. slope 35 ft.
- 25.10 Spur, projects easterly approximately 50.00 chs. dist.; desc. 65 ft. along E. slope of Potato Hill.
- 29.30 Top of Potato Hill, bears W. approximately 3.00 chs. dist.
- 34.30 Foot of Potato Hill or base of descent, bears E. and W.; leave undergrowth of shadscale, salt brush, yellow top and sagebrush, bears E. and W., and enter a medium growth of greasewood; over level bottom land.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 9	S 10
-----	------

1924

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

40.80 S. bank of Westwater Wash, 6 ft. high, bears E. and W.

50.20 Stream of clear, alakli water, 8 lks. wide, 4 ins. deep, course E.

51.60 N. bank of Westwater Wash, 6 ft. high, bears E. and W.

51.70 Leave greasewood, bears E. and W., and enter medium dense shadscale, salt brush, yellow top and sagebrush.

57.00 Leave bottom land, bears NW. and SE.; begin ascent of 60 ft. over SW. slope.

58.20 S. edge of top of mesa, bears southeasterly approximately 25.00 chs. dist. and W. about 2.00 chs. dist., thence northerly; over nearly level top.

62.10 N. edge of mesa, bears NE. and SW.; desc. NW. slope 15 ft.

74.50 Draw, drains SW.; asc. 15 ft. along general E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked:

T18S.	R24E
S4	S3
S9	S10

1924

from which,

A cedar, 5 ins. diam., bears S. $41^{\circ}15'E.$, 160 lks. dist., marked T 18 S R 24 E S 10 B T.

Raise a mound of stone, 32 ft. base, 3 ft. high, W. of cor., as there are no other trees available.

Land, rolling bad lands of hills, knolls and mesas, and level bottom land; shale and sandstone formation; general drainage into Westwater Creek, thence SE.

Soil, light clay or adobe clay, about 3 ins. to 1 ft.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- deep, lying on shale mixed with clay, on rolling bad lands; 4th. rate; red sandy loam, several ft. deep, on the bottom land; 1st. rate.
- Undergrowth, shadscale, salt brush, greasewood, yellow top and sagebrush.
- No timber, except the lone tree at the cor. of secs. 3, 4, 9 and 10.
- Poor grazing land.
-
- N. $89^{\circ}55'E.$ on a random line bet. secs. 3 and 10.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.
- Thence,
- S. $89^{\circ}56'W.$, on a true line bet. secs. 3 and 10.
- Asc. NE. slope 25 ft., through medium dense shadscale, salt brush and yellow top.
- 1.00 Spur, projects S. $20^{\circ}E.$; desc. 35 ft. over draws and low spurs, putting S.
- 9.60 Draw, drains SE.; asc. 50 ft. over draws and low spurs, putting S.
- 20.40 Spur, from N., projects southeasterly approximately 30.00 chs. dist.; desc. 55 ft.
- 28.70 Draw, drains S. $20^{\circ}E.$; asc. 70 ft.
- 32.10 Enter a medium growth of timber, bears N. and S.
- 36.00 Spur, projects S. about 30.00 chs. dist.; desc. abrupt W. slope 65 ft. to $\frac{1}{4}$ sec. cor.
- 37.10 Leave timber, bears N. and S.
- 40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 3 \\ \frac{1}{4} \\ \hline S\ 10 \\ 1924 \end{array}$$
- and raise a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, N. of cor.
- 44.50 Dry wash, 60 lks. wide, 6 ft. deep, in the bottom of

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- hollow, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. abrupt E. slope 85 ft.
- 49.80 Top of ascent or E. edge of bench, bears N. and S.; leave undergrowth of shadscale, salt brush and yellow top, bears N. and S., and enter dense sagebrush; over nearly level top.
- 59.80 Enter scattering timber.
- 61.40 W. edge of bench, bears N. and S.; leave timber; leave sagebrush, bears N. and S., and enter medium dense shadscale, salt brush and yellow top; begin abrupt descent of 50 ft. over W. slope.
- 63.20 Dry wash, 25 lks. wide, 5 ft. deep, in the bottom of draw, drains S.; asc. abrupt SE. slope 50 ft.
- 65.60 Spur, projects S.30°W. about 3.00 chs. dist.; desc. 60 ft. over draws and low spurs, putting S.
- 75.60 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S.20°W.; asc. gradual E. slope 15 ft. to sec. cor.
- 77.50 Road, from Larsen's ranches to the Pike's Peak-Ocean to Ocean Highway, bears N.25°W. and S.25°E.
- 80.02 The cor. of secs. 3, 4, 9 and 10.
- Land, rolling, rolling bad lands and bench, draining S., SE. and SW. to Westwater Creek; shale and sandstone formation.
- Soil, light clay or adobe clay, varying in depth from a few ins. to several ft., lying on shale or on a shale mixed with clay, on the rolling land and rolling bad lands; 4th. rate; red sandy loam, about 1 ft. deep, lying on a gravelly, light, sandy, chalky formation, on bench; 2nd. rate.
- Timber, cedar.
- Undergrowth, shadscale, salt brush, sagebrush and yellow top.
- Poor to fair grazing land.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

N. 0° 03' E., on a random line bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect the N. bdy. of the Tp., at the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence,

S. 0° 03' W., on a true line bet. secs. 3 and 4.

Asc. gradually 95 ft. to $\frac{1}{4}$ sec. cor., over gentle N. slope of reef, through dense sagebrush.

4.20 Leave dense sagebrush, bears NE. and SW., and enter a medium growth.

5.00 Enter heavy timber, bears NE. and SW.

39.78 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 4 \quad | \quad S\ 3 \\ | \\ 1924 \end{array}$$

from which,

A cedar limb, 4 ins. diam., bears S. 11° 30' E., 55 lks. dist., marked $\frac{1}{4}$ S 3 B T.A cedar, 5 ins. diam., bears S. 66° 15' W., 58 lks. dist., marked $\frac{1}{4}$ S 4 B T.

43.50 Leave timber, bears E. and W.

43.60 Leave sagebrush, bears E. and W.

43.70 Perpendicular ledge or rim of reef, 65 ft. high, bears E. and W.; desc. abrupt, barren S. slope 330 ft., over large boulders.

52.50 Leave boulders, and enter medium dense shadscale, salt brush and yellow top undergrowth, bears NE. and SW.

52.90 Dry wash, 20 lks. wide, 4 ft. deep, in the head of draw, drains S. 20° W. about 2.00 chs. dist., thence S. 20° E.; asc. gradually 10 ft. along NW. slope.

55.90 Extreme SE. point of spur, from NE.; desc. 45 ft.

58.30 Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of the same draw as noted at 52.90 chs., drains S. 20° E.; asc. NE. slope 35 ft.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.	
65.80	Spur, from NW., projects southwesterly about 15.00 chs. dist.; desc. 55 ft.
72.00	Draw, drains SW.; asc. 20 ft.
72.60	Spur, projects SW. about 3.00 chs. dist.; thence S.; desc. 45 ft.
74.80	Road, from Larsen's ranches to the Pike's Peak-Ocean to Ocean Highway, bears N.25°W. and S.25°E.
76.60	Dry wash, 20 lks. wide, 1 ft. deep, in the head of draw, drains SE.; asc. gradually 5 ft.
78.80	Extreme SE. point of spur, from NW.; desc. gradual SE. slope 5 ft. to
79.78	The cor. of secs. 3, 4, 9 and 10.
	Land, gently rolling N. slope of reef, draining N. about 60.00 chs. dist., thence NE., N. 43.70 chs.; abrupt S. slope of reef and rolling bad lands, draining generally S. and SW. to Westwater Creek, S. 36.08 chs.; shale and sandstone formation.
	Soil, red sandy loam, about 1 to 2 ft. deep, lying on a light sand or chalky formation, on top of reef; 1st. to 2nd. rate; adobe clay, varying in depth from a few ins. to several ft., lying on shale, on the S. slope of reef and on the rolling bad lands; 4th. rate.
	Timber, heavy growth of cedar and scattering pinon pine.
	Undergrowth, sagebrush, shadscale, salt brush and yellow top.
	Sparse growth of grass.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described,
	N.0°03'W., bet. secs. 32 and 33.
	Desc. NE. slope 15 ft., through medium dense short shadscale, salt brush and yellow top.
1.00	Base of descent, bears NW. and SE.; over nearly level land.
1.20	Leave undergrowth of shadscale, salt brush and yellow

Survey of the Subdivision of T. 18 S. R. 24 E.

Drains.

5.00 top; bears NW. and SE., and enter medium dense greasewood.

3.50 S. bank of Sulphur Wash, dry, 5 ft. high, bears NE. and SW.; wash drains NE. about 2.00 chs. dist., thence SE.

5.00 N. bank of Sulphur Wash, 4 ft. high, bears NE. and SW.

11.20 Leave greasewood, bears E. and W., and enter dense short salt brush and scattering shadscale.

11.40 Leave level land, begin gradual ascent of 30 ft. to $\frac{1}{4}$ sec. cor., over S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 32 S 33

1924

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

45.00 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects S.80°E. approximately 17.00 chs. dist.; desc. 20 ft.

60.80 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, drains E.; asc. 20 ft.

61.80 Spur, projects E. about 3.50 chs. dist.; desc. 25 ft.

69.00 Dry wash, 25 lks. wide, 8 ft. deep, in the bottom of hollow, drains SE.; asc. 25 ft.

75.40 Spur, projects southeasterly approximately 30.00 chs. dist.; desc. 15 ft.

79.80 Dry wash, 15 lks. wide, 6 ft. deep, in the bottom of hollow, drains SE.; asc. gradually 5 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked:

T18S	R24E
S29	S28
S32	S33

1924

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Land, level and gently rolling, S. $\frac{1}{2}$ mile; rolling bad lands, N. $\frac{1}{2}$ mile; drainage NE. and SE. to Sulphur Wash thence easterly; shale and sandstone formation.

Soil, sandy loam, several ft. deep, on the level land; 1st. rate; adobe clay, varying in depth from a few ins. to several ft., lying on shale or on a shale mixed with clay, on the remainder of mile; 4th. rate.

Undergrowth, shadscale, salt brush, greasewood and yellow top.

No timber.

Poor grazing land.

East, on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 4 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence,

S. $89^{\circ}58'W.$, on a true line bet. secs. 28 and 33.

Asc. NE. slope 45 ft., through medium dense undergrowth.

11.70 Spur, projects S. $20^{\circ}E.$; desc. 40 ft.

29.30 Dry wash, .6 lks. wide, .3 ft. deep, in the bottom of draw, drains S. $10^{\circ}E.$; asc. E. slope 40 ft.

36.40 E. edge of bench, bears N. and S.; desc. gradually 10 ft., over gently rolling land, to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 28

$\frac{1}{4}$ S 33

1924

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

49.00 Dry wash, 15 lks. wide, 7 ft. deep, in the bottom of draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. gradually 20 ft.

59.00 W. edge of bench, bears N. and S.; desc. W. slope 40 ft.

62.90 Dry wash, 20 lks. wide, 10 ft. deep, in the bottom of

Survey of the Subdivision of T. 18 S., R. 24 E.

Drains.

- to hollow, drains S.; asc. 65 ft.
- 65.50 Spur, projects S. 20° E. about 12.00 chs. dist.; desc. 45 ft.
- 68.90 Draw, drains SE.; asc. 65 ft.
- 76.00 Spur, projects SE. approximately 20.00 chs. dist.; desc. SW. slope 10 ft. to
- 79.98 The cor. of secs. 28, 29, 32 and 33.
- Land, rolling bad lands and bench, draining S. and SE. to Sulphur Wash; shale and sandstone formation.
- Soil, adobe clay, varying in depth from a few ins. to several ft., lying on shale or on a shale mixed with clay, on rolling bad lands; 4th. rate; red sand or sandy loam, about 1 ft. deep, lying on a gravelly, light sand or chalky formation, on bench; 1st. to 2nd. rate.
- Undergrowth, shadscale, salt brush and yellow top.
- No timber. Sparse growth of grass.

N. 0° 03' W., bet. secs. 28 and 29.

Over rolling land, through dense short undergrowth; asc. SW. slope 20 ft.

- 3.30 Spur, projects SE.; desc. 20 ft. to $\frac{1}{4}$ sec. cor., over draws and low spurs, putting E., on general NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 29 | S 28

1924

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 43.10 Dry wash, 6 lks. wide, 5 ft. deep, in the bottom of draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. SW. slope 10 ft.
- 51.30 Dry wash, 12 lks. wide, 6 ft. deep, drains SE.
- 54.10 Spur, projects SE. about 15.00 chs. dist.; desc. 15 ft.

Survey of the Subdivision of T. 18 S. R. 24 E.

Chains.

60.20 Dry wash, 25 lks. wide, 5 ft. deep, in the bottom of
hollow, drains SE.; asc. SE. slope 26 ft.

63.60 Top of ascent, bears NW. and SE.; over nearly level land
to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 20, 21, 28 and 29,
with brass cap marked:

T18S	R24E
S20	S21
S29	S28

1924

land dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.

Land, rolling, over draws and low spurs; general drainage
SE.; shale and sandstone formation.

Soil, light colored or adobe clay, about 3 ins. to 1 ft.
deep, lying on shale mixed with clay; 4th. rate.

Undergrowth, medium to a dense growth of shadscale, salt
brush and yellow top.

No timber. Fair grazing of buffalo grass.

N. 89° 58' E., on a random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
21, 22, 27 and 28.

Thence,

S. 89° 57' W., on a true line bet. secs. 21 and 28.

Asc. gradual NE. slope 5 ft., through medium dense under-
growth.

5.00 Spur, projects SE.; desc. gradual SW. slope 20 ft.

20.50 Junction of two dry washes, from NW. and SW., 20 lks.
wide, 4 ft. deep, in the bottom of hollow, drains SE.;
asc. gradually 20 ft. to $\frac{1}{4}$ sec. cor., along S. side of
hollow.

29.00 Dry wash, 10 lks. wide, 6 ft. deep, drains NE.

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 21

$\frac{1}{4}$

S 28

1924

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

50.20 Recross same wash as noted at 20.50 chs., 15 lks. wide,
4 ft. deep, drains NE.

71.60 Spur, 75 ft. above $\frac{1}{4}$ sec. cor., projects SE.; desc. 10
ft. over gradual SW. slope to

80.06 The cor. of secs. 20, 21, 28 and 29.

Land, rolling, draining SE.; shale and sandstone forma-
tion.

Soil, light clay or adobe clay, varying in depth from a
few ins. to several ft., lying on shale or on a shale
mixed with clay; 4th. rate.

Undergrowth, shadscale, yellow top, salt brush and sage-
brush.

No timber. Fair grazing land.

N.0°03'W., bet. secs. 20 and 21.

Over rolling land, through medium dense undergrowth;
asc. gradual SW. slope 30 ft.

19.30 Spur, projects SE.; desc. 25 ft.

20.00 Dry wash, 20 lks. wide, 5 ft. deep, drains SE.

28.80 Dry wash, 30 lks. wide, 7 ft. deep, in the bottom of
hollow, drains SE.; asc. gradual SW. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 20

S 21

1924

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

54.40 Dry wash, 30 lks. wide, 20 ft. deep, drains S.80°E.

74.20 Spur, 55 ft. above $\frac{1}{4}$ sec. cor., projects E. about 12.00
chs. dist.; desc. 10 ft. along general E. slope to

Survey of the Subdivision of T. 18 S. 24 E.

Chains.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked:

T18S	R24E
S17	S16
S20	S21

1924

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling, draining SE.; shale and sandstone formation.

Soil, light colored clay or adobe clay, varying in depth from a few ins. to several ft., lying on shale or on a clay mixed with shale; 4th. rate.

Undergrowth, shadscale, salt brush and yellow top.

No timber. Sparse growth of buffalo grass.

N. 89° 57' E., on a random line bet. secs. 16 and 21.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.04

Intersect N. and S. line, 2 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence,

S. 89° 56' W., on a true line bet. secs. 16 and 21.

Over rolling land, through medium dense undergrowth; desc. gradual SW. slope 15 ft.

13.60

Dry wash, 15 lks. wide, 20 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.

21.30

Spur, projects southeasterly about 30.00 chs. dist.; desc. 15 ft.

32.30

Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of hollow, drains SE.; asc. general E. slope 15 ft. to

40.02

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	S 16
	S 21
	1924

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high,
N. of cor.

From this $\frac{1}{4}$ sec. cor., continue gradual ascent of 95 ft.
over general E. slope to sec. cor.

66.40 Dry wash, 30 lks. wide, 10 ft. deep, drains SE.

80.04 The cor. of secs. 16, 17, 20 and 21.

Land, rolling and gently rolling, draining SE.; shale
and sandstone formation.

Soil, light colored clay or adobe clay, varying in depth
from a few ins. to several ft., lying on shale or on
clay mixed with shale; 4th. rate.

Undergrowth, shadscale, salt brush, yellow top and sage-
brush.

Fair grazing of buffalo grass.

No timber.

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling land, through medium dense undergrowth; asc.
gradually 10 ft. along general E. slope.

4.00 Spur, projects E. about 6.00 chs. dist.; desc. 35 ft.

9.20 Dry wash, 20 lks. wide, 3 ft. deep, drains SE.

16.80 Dry wash, 25 lks. wide, 2 ft. deep, in the bottom of
swale, drains S. 70° E.; asc. 25 ft.

29.80 Spur, projects SE. approximately 40.00 chs. dist.; desc.
30 ft.

34.10 Dry wash, 30 lks. wide, 10 ft. deep, in the bottom of
draw, drains SE.; asc. gradual SE. slope 45 ft. to

40.00 At the base of abrupt ascent, bearing NE. and SW., set
an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground; for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 17 S 16

1924

and raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.

44.90 Foot of sloping, broken ledge, 40 ft. high, bears NE.

Survey of the Subdivision of T. 18 S., R. 24 E.

- Chains. and SW.
- 45.20 Top of the ledge, bears NE. and SW.
- 45.60 Top of precipitous ascent or rim of reef, 245 ft. above $\frac{1}{2}$ sec. cor., bears NE. and SW.; leave undergrowth of shadscale, salt brush and yellow top, bears NE. and SW., and enter medium dense sagebrush; desc. gradually 65 ft. to sec. cor., over nearly level or gently rolling top of reef.
- 45.80 Enter heavy timber, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked:

T18S	R24E
S8	S9
S17	S16

1924

from which,

A cedar, 8 ins. diam., bears N. 22° E., 22

lks. dist., marked T 18 S R 24 E S 9 B T.

A pinon pine, 10 ins. diam., bears S. 29° 30' E., 63

lks. dist., marked T 18 S R 24 E S 16 B T.

A pinon pine, 12 ins. diam., bears S. 31° 45' W., 103

lks. dist., marked T 18 S R 24 E S 17 B T.

A pinon pine, 10 ins. diam., bears N. 53° 30' W., 52

lks. dist., marked T 18 S R 24 E S 8 B T.

Land, rolling, draining SE., S. 40.00 chs.; abrupt SE.

slope and top of reef, draining SE, and N., N. 40.00 chs.; shale and sandstone formation.

Soil, adobe clay, about 3 ins. to several ft. deep, lying on shale or on clay mixed with shale, on S. 45.60 chs.; red sand or red sandy loam, about 6 ins. to 2 ft. deep, lying on a gravelly, light sand or on a chalky formation, on N. 34.40 chs.; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, salt brush and yellow top.

Sparse growth of grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

N. 89° 56' E., on a random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence,

S. 89° 53' W., on a true line bet. secs. 9 and 16.

Over rolling land, through medium dense undergrowth;
desc. W. slope 15 ft.

8.60 Dry wash, 20 lks. wide, 5 ft. deep, drains N.

12.10 Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of
hollow, drains NE.; asc. NE. slope 50 ft.18.60 Spur, projects S. 80° E. about 5.00 chs. dist.; desc. SW.
slope 5 ft.21.20 Same dry wash, 20 lks. wide, 3 ft. deep, as noted at
12.10 chs., in the bottom of hollow, drains SE.; asc.
gradually 35 ft. along the bottom of hollow.27.20 Recross same wash, 25 lks. wide, 3 ft. deep, as noted
at 21.20 chs., drains NE.

30.00 Old road, bears N. 10° W. and S. 10° E.

31.50 Recross same wash, 15 lks. wide, 3 ft. deep, as noted at
27.20 chs., drains SE.32.00 Leave bottom of hollow, from NW.; asc. gradual NE. slope
45 ft. to $\frac{1}{4}$ sec. cor., over rolling land.39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 9

 S 16
 1924

and raise a mound of stone, 3 ft. base, 2 ft. high, N.
of cor.52.20 Leave rolling land, 55 ft. above $\frac{1}{4}$ sec. cor., bears NE.
and SW.; begin precipitous ascent of 180 ft. over SE.
slope66.50 Top of nearly perpendicular ledge or rim of reef, 50 ft.
high, bears NE. and SW.; asc. gradually 15 ft. over
rolling top.

Survey of the Subdivision of T. 18 S., R. 21 E.

Chains.

- 66.70 Enter scattering timber.
- 68.10 Top of ascent, bears NE. and SW.; enter heavy timber, as
bears NE. and SW.; desc. NW. slope 70 ft.
- 78.30 Draw, drains N.; asc. gradual E. slope 20 ft.
- 79.20 Top of ascent, bears N. and S.; over level land to
- 79.98 The cor. of secs. 8, 9, 16 and 17.
- Land, rolling, E. 52.20 chs.; abrupt SE. slope and rolling top of reef, W. 27.78 chs.; general drainage easterly, E. 66.50 chs.; W. 13.48 chs. drain N.; shale and sandstone formation.
- Soil, light clay, or adobe clay, about 3 ins. to several ft. deep, lying on shale or on clay mixed with shale, on E. 66.50 chs.; 4th. rate; red sand and sandy loam, about 4 ins. to 2 ft. deep, lying on a gravelly, light sand or on a white chalky formation, on W. 13.48 chs.; 2nd. rate.
- Timber, cedar and pinon pine.
- Undergrowth, shadscale, sagebrush, yellow top and salt brush.
- Sparse growth of grass.

N.0°03'W., bet. secs. 8 and 9.

Over rolling top of reef, through heavy timber and scattering undergrowth; desc. gradual W. slope 105 ft..

- 26.20 Head of draw, drains SW. about 5.00 chs. dist., thence northwesterly; asc. 35 ft.
- 30.10 Spur, projects W. approximately 5.00 chs. dist.; desc. gradually 10 ft. to $\frac{1}{4}$ sec. cor.
- 36.50 Leave heavy timber, bears E. and W., and enter scattering.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 8 | S 9
 1924

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

from which,

- 133.12 A cedar, 14 ins. diam., bears S.81°30'E., 193
lks. dist., marked $\frac{1}{4}$ S 9 B T.
- A pinon pine, 14 ins. diam., bears N.53°45'W., 271
lks. dist., marked $\frac{1}{4}$ S 8 B T.
- 56.00 Rim of reef, 45 ft. below $\frac{1}{4}$ sec. cor., bears NE. and SW.;
leave timber; desc. abrupt NW. slope 85 ft., over sand-
stone outcroppings and boulders, to
- 62.00 S. bank of dry wash, 10 ft. high, bears NE. and SW., in
the bottom of Dry Canyon, draining N.60°E.
- 63.20 N. bank of wash, 10 ft. high, bears NE. and SW.; over
level bottom of canyon.
- 65.70 Old road, bears N.60°E. and S.60°W.; leave bottom of
canyon, bears E. and W.; asc. abrupt S. slope 125 ft.,
over sandstone outcroppings and boulders.
- 69.00 Top of abrupt ascent, bears E. and W.; leave outcroppings
and boulders; asc. gradual S. slope 55 ft.
- 71.00 Spur, projects E. approximately 10.00 chs. dist.; enter
scattering timber; desc. N. slope 125 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 4, 5, 8 and 9, with
brass cap marked:

T18S	R24E
S5	S4
S8	S9

1924,
from which,

- A pinon pine, 6 ins. diam., bears N.57°30'E., 118
lks. dist., marked T 18 S R 24 E S 4 B T.
- A cedar, 10 ins. diam., bears S.18°E., 353
lks. dist., marked T 18 S R 24 E S 9 B T.
- A cedar, 6 ins. diam., bears S.57°30'W., 60
lks. dist., marked T 18 S R 24 E S 8 B T.
- A cedar, 8 ins. diam., bears N.54°45'W., 45
lks. dist., marked T 18 S R 24 E S 5 B T.
- Land, rolling top of reef, S. 56.00 chs.; steep and
rough mountainous, N. 24.00 chs.; general drainage E.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

to Westwater Creek; sandstone and shale formation.

Soil, red sand and sandy loam, about 6 ins. to 2½ ft.

deep, lying on bedrock, or on a gravelly, light sand

or on a white chalky formation, on top of reef; 2nd.

rate; sandy loam, several ft. deep, in the bottom of

Dry Canyon; 1st. rate; sandy clay loam, about 3 ins.

to 3 ft. deep, lying on a clay subsoil or on bedrock,

on remainder of mile; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush and yellow top.

Sparse growth of grass.

N. 89° 53' E., on a random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
3, 4, 9 and 10.

Thence,

S. 89° 50' W., on a true line bet. secs. 4 and 9.

Over rolling land, through medium dense shadscale and
salt brush; asc. E. slope 35 ft.2.00 Spur, projects S. about 4.00 chs. dist.; desc. gradually
55 ft. to ¼ sec. cor., over gently rolling land.

15.90 Dry wash, 10 lks. wide, 6 ft. deep, drains S.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.
in the ground, for ¼ sec. cor., with brass cap marked
$$\begin{array}{r} S\ 4 \\ \frac{1}{4} \\ \hline S\ 9 \\ 1924 \end{array}$$
and raise a mound of stone, 3 ft. base, 2 ft. high,
N. of cor.41.90 Road; from Larsen's ranches to the Pike's Peak-Ocean to
Ocean Highway, bears NE. and NW.

45.40 Dry wash, 20 lks. wide, 5 ft. deep, drains S. 10° E.

48.80 Woven wire fence, 5 ft. high, bears NW. and SE., on E.
side of field; leave undergrowth of shadscale and
salt brush, bears NW. and SE., and enter medium dense
greasewood.

Survey of the Subdivision of T. 28 S., R. 24 E.

Chains.

- 60.20 E. bank of Westwater Wash, 3 ft. high, bears NW. and SE.
- 61.50 Stream of clear, alkali water, 10 lks. wide, 1 ft. deep, courses SE.
- 63.10 W. bank of Westwater Wash, 3 ft. high, bears NW. and SE.
- 73.50 Woven wire fence, 5 ft. high, bears NW. and SE., on W. side of field; leave greasewood, bears NW. and SE., and enter medium dense shadscale, sagebrush and yellow top.
- 74.50 Leave gently rolling land, bears NW. and SE., 15 ft. above 4 sec. cor.; begin ascent of 65 ft. to sec. cor., over N. slope.
- 79.00 Enter scattering timber.
- 80.02 The cor. of secs. 4, 5, 8 and 9.
- Land, rolling, gently rolling and level bottom, E. 74.50 chs.; abrupt general NE. slope, W. 5.52 chs.; drainage SW., S. and E. to Westwater Creek; shale and sandstone formation.
- Soil, adobe clay, varying in depth from a few ins. to several ft., lying on shale or on clay mixed with shale, on the rolling land; 4th. rate; sandy loam, several ft. deep, on the bottom land along Westwater Creek; 1st. rate; sandy clay loam, about 3 ft. deep, lying on bedrock or on a clay subsoil, on W. 5.52 chs.; 2nd. to 4th. rate.
- Timber, cedar and pinon pine.
- Undergrowth, shadscale, salt brush, greasewood, yellow top and sagebrush.
- Sparse growth of grass.

N. 0° 03' E., on a random line bet. secs. 4 and 5.

- 40.00 Set temp. 4 sec. cor.
- 79.92 Intersect N. bdy. of Tp., at the cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence,

Survey of the Subdivision of T. 19 S., R. 24 E.

Chains.

S.0°03'W., on a true line bet. secs. 4 and 5.

Over rough mountainous land, through a medium growth of timber and undergrowth of shadscale, mountain rush, yellow top, buck brush and sagebrush; desc. abrupt S. slope 90 ft.

2.90 Ravine, drains S.80°W.; precipitous ascent of 255 ft., over NW. slope.

8.00 Leave medium dense growth of timber, bears E. and W., and enter scattering.

9.30 Spur, projects S.70°W. approximately 25.00 chs. dist.; desc. abruptly 280 ft., over S. slope.

20.60 Ravine, drains W.; asc. abrupt NW. slope 40 ft.

29.70 Spur, projects SW. about 10.00 chs. dist.; desc. abrupt SE. slope 405 ft.

30.20 Top of sloping sandstone ledge, 100 ft. high, bears E. and W.; leave timber.

30.60 Base of the ledge, bears E. and W.

38.80 Base of abrupt descent, bears NW. and SE.; over nearly level and gently rolling bottom land, across Westwater Canyon.

38.90 Road, from Larsen's ranches to the Pike's Peak-Ocean to Ocean Highway, bears N.70°W. and S.70°E.

38.94 Woven wire fence, 5 ft. high, bears E. and W.

39.53 Woven wire fence, 5 ft. high, bears NE. and SW.

39.92 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S. 5 | S. 4
 1924

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

41.20 From this station, a circular corral, constructed of cedar posts, bears W. 40 lks. dist.

50.00 Leave undergrowth, bears NW. and SE.

50.30 Woven wire fence, 5 ft. high, bears E. and W.

50.40 N. bank of Westwater Wash, 4 ft. high, bears E. and W.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- 52.20 Stream of clear, alkali water, 10 lks. wide, 1 ft. deep, course NE. about 5.00 chs. dist., thence southeasterly.
- 52.30 S. bank of Westwater Wash, 4 ft. high, bears SW, and NE. approximately 5.00 chs. dist., thence southeasterly.
- 52.40 Enter medium dense greasewood and salt brush undergrowth, bears NE. and SW.
- 70.70 Woven wire fence, 5 ft. high, bears NW. and SE., on the W. side of field; leave undergrowth of greasewood and salt brush, bears NW. and SE., and enter medium dense shadscale, yellow top and sagebrush.
- 71.70 Leave level bottom of canyon, bears NW. and SE.; enter scattering timber; begin ascent of 70 ft., over general NE. slope.
- 76.60 Spur, projects E. about 3.00 chs. dist.; desc. S. slope 15 ft.
- 79.00 Draw, drains E.; asc. N. slope 15 ft. to
- 79.92 The cor. of secs. 4, 5, 8 and 9.
- Land, steep and rough mountainous, and level and gently rolling bottom land of Westwater Canyon; drainage into Westwater Creek, thence southeasterly; sandstone and shale formation.
- Soil, red sand, sandy clay loam, or adobe clay, about 3 ins. to 2 ft. deep, lying on bedrock, shale or on a clay subsoil, on abrupt and rough portions of mile; 2nd. to 4th. rate; sandy loam, several ft. deep, on greater part of the bottom land; 1st. rate.
- Timber, cedar and pinon pine.
- Undergrowth, shadscale, sagebrush, greasewood, yellow top, mountain rush, buck brush and salt brush.
- Fair growth of bunch grass on slopes.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described,

N.0°03'W., bet. secs. 31 and 32.

Desc. gradual W. slope 80 ft., over gently rolling top of

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.	
	reef, through dense undergrowth.
36.40	Gulch, drains N.70°E.; asc. gradual S. slope 10 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked:
	<div style="text-align: center;"> <p>S 31 | S 32</p> <p>1924</p> </div>
	and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.; also, at the base of the monument, I deposit a sandstone, 8x6x2 ins., marked with a cross (X).
45.00	Spur, 70 ft. above $\frac{1}{4}$ sec. cor., projects E. approximately 15.00 chs. dist.; desc. 75 ft.
55.00	Gulch, drains N.80°E.; asc. SW. slope 75 ft.
60.10	Spur, projects SE. about 3.00 chs. dist.; desc. gradual NE. slope 10 ft.
60.60	S. rim of Sulphur Canyon, bears NW. and SE.; desc. abrupt NE. slope 85 ft., over outcroppings and boulders, to
66.20	Dry wash, 70 lks. wide, 5 ft. deep, in the bottom of Sulphur Canyon, drains SE.; asc. gradually 20 ft. along bottom of rugged gulch, from N.
67.00	Dry wash, 20 lks. wide, 4 ft. deep, drains S.30°E.
68.50	Recross wash, drains SW.
71.30	Low spur, projects SE. about 2.00 chs. dist.; desc. 10 ft.
72.80	Recross same wash as noted at 68.50 chs., drains SE.; asc. 40 ft.
76.30	Spur, slopes W. about 1.00 chs. dist.; desc. 30 ft.
77.50	Recross same wash as noted at 72.80 chs., drains SW.; leave bottom of gulch, from NE.; asc. abruptly 70 ft., over rough SE. slope to
80.00	On N. rim of gulch, bearing N. and southwesterly, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base,

AS Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

20 ins. high, for cor. of secs. 29, 30, 31 and 32,
with brass cap marked:

T18S	R24E
S30	S29
S31	S32

1924

At the base of the monument, I deposit a sandstone,
12X7X2 ins., marked with a cross (X).

Land, rolling, broken and rough top of reef, draining
NE. and S. into Sulphur Canyon, thence SE.; shale and
sandstone formation.

Soil, sandy, clay loam, varying in depth from about 3
ins. to 2 ft., lying on bedrock, shale or on a clay
subsoil; 2nd. to 4th. rate.

Undergrowth, shadscale, sagebrush, yellow top, salt
brush and black brush.

Poor to fair grazing of buffalo grass.

No timber.

East, on a random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 21 lks. S. of the cor. of secs.
28, 29, 32 and 33.

Thence,

S.89°51'W., on a true line bet. secs. 29 and 32.

Over rolling land, through dense short undergrowth; desc.
gradual SW. slope 5 ft.

0.40 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of
hollow, drains SE.; asc. gradually 105 ft., over E.
slope.

19.90 Begin abrupt ascent of 150 ft., over outcroppings and
boulders, on E. slope, to

27.20 Foot of sloping, sandstone ledge, 60 ft. high, bears NE.
and SE.

27.40 Top of the ledge or rim of reef, bears NE. and SE.; desc.
gradually 60 ft. to $\frac{1}{4}$ sec. cor., over gently rolling
top.

Survey of the Subdivision of T. 16 S. R. 24 E.

Chains.	
28.30	Enter heavy timber, bears N. and S.
39.96	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 29 \\ \frac{1}{4} \\ S\ 32 \\ 1924 \end{array}$
	from which,
	A cedar, 7 ins. diam., bears N. $57^{\circ}45'W.$, 104 lks. dist., marked $\frac{1}{4}$ S 29 B T.
	A cedar, 7 ins. diam., bears S. $41^{\circ}30'E.$, 109 lks. dist., marked $\frac{1}{4}$ S 32 B T.
50.30	Draw, 35 ft. below $\frac{1}{4}$ sec. cor., drains from NE. to W.; desc. gradually 45 ft. along bottom of the draw.
55.50	Leave heavy timber and enter scattering, bears N. and S.
57.90	Leave bottom of draw, drains SW.; asc. E. slope 20 ft.
64.10	Spur, slopes S. about 2.00 chs. dist.; desc. 65 ft.
65.20	Gulch, drains SE. about 2.00 chs. dist., thence S. $10^{\circ}W.$; asc. 65 ft.
69.10	Spur, projects S. approximately 4.00 chs. dist.; desc. abruptly 95 ft.
78.90	Gulch, drains S.; abrupt ascent of 60 ft. to
79.92	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling, and abrupt, rough E. slope of reef, E. 27.40 chs.; gently rolling, rough and broken top of reef, W. 52.52 chs.; general drainage SE. and S. to Sulphur Wash.
	Soil, adobe clay, varying in depth from a few ins. to several ft., lying on shale or on a clay mixed with shale, on E. 27.40 chs.; 4th. rate; red sand and sandy clay loam, about 3 ins. to 2 ft. deep, lying on bedrock, shale or on clay subsoil, on top of reef; 2nd. to 4th. rate.
	Timber, cedar.
	Undergrowth, shadscale, sagebrush, salt brush and yellow top.
	Sparse growth of grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

83.26 Intersect the W. bdy. of the Tp., 15 lks. N. of the cor. of secs. 30 and 31, hereinbefore described.

Thence,

N. $89^{\circ}54'E.$, on a true line bet. secs. 30 and 31.

Over rough mountainous land, through scattering timber and undergrowth; asc. gradually 5 ft. along NE. slope.

1.20 Spur, projects N. $20^{\circ}E.$ approximately 15.00 chs. dist.; precipitous descent of 305 ft. over SE. slope.

10.00 SW. 50 lks. dist. from this station, a vein of coal, 6 ft. high, is exposed.

13.00 Ravine, drains N. $25^{\circ}E.$; asc. abrupt W. slope 170 ft.

18.20 Spur, projects N. approximately 20.00 chs. dist.; a high peak bears S. about 10.00 chs. dist.; desc. abruptly 380 ft., over E. slope.

28.10 Ravine, drains NE.; asc. 20 ft.

29.10 Spur, projects NE. approximately 5.00 chs. dist.; desc. 30 ft.

31.20 Draw, drains NE.; asc. 40 ft.

33.80 Spur, projects NE. about 15.00 chs. dist.; desc. 70 ft.

36.70 Draw, drains NE.; asc. 10 ft.

38.60 Spur, projects NE. approximately 10.00 chs. dist.; desc. 45 ft.

43.10 Draw, drains NE.; asc. NW. slope 5 ft. to

43.26 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked:

S 30

S 31

1924

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

50.40 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects N. about 6.00 chs. dist.; desc. 60 ft.

54.70 Draw, drains N.; asc. 35 ft.

56.20 Spur, projects N. about 3.00 chs. dist.; leave timber;

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains. desc. 60 ft. over NE. slope.

60.80 Base of descent, bears NW. and SE.; over level bottom of Sulphur Canyon, through medium dense undergrowth.

68.50 Old road, bears N. and S.

68.70 Dry wash, 50 lks. wide, 4 ft. deep, drains SE.

69.00 Leave bottom of Sulphur Canyon, bears NW. and SE.; begin ascent of 35 ft. over W. slope.

72.60 Spur, projects S. about 4.00 chs. dist.; desc. 40 ft., over rolling top of reef.

74.90 Gulch, drains S.; asc. 70 ft. to

83.26 The cor. of secs. 29, 30, 31 and 32.

Land, steep and rough mountainous, W. 72.60 chs.; rolling, rough and broken top of reef, E. 10.66 chs.; drainage NE. and S. into Sulphur Canyon, thence SE.; sandstone and shale in the form of outcroppings.

Soil, red sand or red sandy loam, about 3 ins. to 3 ft. deep, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, yellow top and salt brush.

Good grazing on greater portion of mile.

N.0°03'W., bet. secs. 29 and 30.

Over rolling top of reef, through medium dense undergrowth; asc. gradual S. slope 80 ft. to $\frac{1}{4}$ sec. cor.

19.20 Old road, bears NE. and SW.

10.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 30 | S 29
 1924

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

52.80 Dry wash, 20 lks. wide, 5 ft. deep, drains SE.

60.00 Enter scattering timber.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

80.00 On an E. slope, 115 ft. above $\frac{1}{4}$ sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked:

T18S	R24E
S19	S20
S30	S29

1924

from which,

A pinon pine, 8 ins. diam., bears N.69°E., 130 lks. dist., marked T 18 S R 24 E S 20 B T.

A cedar limb, 4 ins. diam., bears S.79°30'E., 198 lks. dist., marked T 18 S R 24 E S 29 B T.

A cedar limb, 3 ins. diam., bears S.55°30'W., 133 lks. dist., marked B T.

A cedar limb, 5 ins. diam., bears N.17°15'W., 104 lks. dist., marked T 18 S R 24 E S 19 B T.

Land, rolling top of reef, sloping gradually to the S.; general drainage S. to Sulphur Canyon; sandstone and shale formation.

Soil, red sand or sandy loam, about 3 ins. to 3 ft. deep, lying on bedrock, shale or on a clay subsoil; 2nd. to 4th. rate.

Timber, cedar.

Undergrowth, shadscale, sagebrush, yellow top and salt brush.

Good grazing of buffalo grass.

N.89°51'E., on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence,

S.89°53'W., on a true line bet. secs. 20 and 29.

Over rolling land, through medium dense undergrowth; desc. gradual SW. slope 10 ft.

8.40 Head of draw, drains S.20°E.; asc. 65 ft.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.	
26.90	Spur, projects SE.; desc. 20 ft.
30.00	Draw, drains SE.; asc. 35 ft.
32.60	Spur, projects SE. about 10.00 chs. dist.; desc. 20 ft.
36.30	Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of hollow, drains SE.; asc. 55 ft. to $\frac{1}{4}$ sec. cor., over rough NE. slope.
36.50	Enter scattering timber.
39.93	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 20 \\ \hline S\ 29 \\ 1924 \end{array}$
	from which,
	A cedar limb, 7 ins. diam., bears N. 47° 30' E., 88 lks. dist., marked $\frac{1}{4}$ S 20 B T.
	A cedar limb, 7 ins. diam., bears S. 59° E., 318 lks. dist., marked $\frac{1}{4}$ S 29 B T.
45.80	E. edge of reef, 75 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradual W. slope 45 ft., over gently rolling top.
53.30	Old road, bears N. 10° W. and S. 10° E.
55.80	Head of draw, drains S.; asc. gradual NE. slope 40 ft.
70.70	Spur, projects SE. about 12.00 chs. dist.; desc. 30 ft.
73.30	Draw, drains S.; asc. 40 ft.
76.00	Spur, projects SE. approximately 3.00 chs. dist.; desc. 20 ft.
77.70	Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. gradual E. slope 5 ft. to
79.86	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling and rolling bad lands, E. 45.80 chs.; gently rolling and rolling top of reef, W. 34.06 chs.; general drainage SE.; shale and sandstone formation. Soil, adobe clay, varying in depth from a few ins. to several ft., lying on shale or on a clay mixed with shale, on E. 45.80 chs.; 4th. rate; sandy loam or light clay, about 3 ins. to 3 ft. deep, lying on bed-rock, shale or on a clay subsoil, on W. 34.06 chs.; 2nd. to 4th. rate.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Timber, cedar.

Undergrowth, shadscale, yellow top, sagebrush and salt brush.

Fair growth of buffalo grass, W. $\frac{1}{2}$ mile.

S. $89^{\circ}54'W.$, on a random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

83.24 Intersect the W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 19 and 30, hereinbefore described.

Thence,

N. $89^{\circ}52'E.$, on a true line bet. secs. 19 and 30.

Asc. abrupt rough W. slope 65 ft., through scattering timber and medium dense undergrowth.

2.70 Spur, projects S. approximately 30.00 chs. dist.; desc. abruptly 275 ft.

17.50 Ravine, drains S. $10^{\circ}W.$; precipitous ascent of 325 ft., over W. slope.

32.80 Spur, from NE., projects S. approximately 50.00 chs. dist.; desc. 30 ft.

40.90 Ravine, from NE., drains S.; asc. 35 ft. to

43.24 On top of spur, projecting S. approximately 20.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 19

S 30

1924

from which,

A cedar, 6 ins. diam., bears N. $37^{\circ}30'E.$, 115

lks. dist., marked $\frac{1}{4}$ S 19 B T.

A pinon pine, 12 ins. diam., bears S. $7^{\circ}45'E.$, 38

lks. dist., marked $\frac{1}{4}$ S 30 B T.

From this $\frac{1}{4}$ sec. cor., asc. gradually 40 ft. across the head of draw, draining S.

51.80 Spur, projects SW. about 5.00 chs. dist., thence S.

approximately 70.00 chs. dist.; desc. abrupt SE. slope

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.	
	450 ft.
52.60	Top of nearly perpendicular ledge, 30 ft. high, bears NE. and SW.
63.20	Ravine, drains SW. about 10.00 chs. dist., thence SE.; precipitous ascent of 140 ft., over NW. slope.
67.20	Top of nearly perpendicular ledge, 10 ft. high, bears NE. and SW. about 10.00 chs. dist.
67.30	Spur, projects SW. approximately 10.00 chs. dist.; desc. abrupt SE. slope 150 ft.
67.40	Top of nearly perpendicular ledge, 50 ft. high, bears NE. and SW. about 10.00 chs. dist.
67.70	Foot of the ledge, bears NE. and SW.
74.40	Draw, drains S.; asc. 35 ft.
79.80	Spur, projects S. approximately 15.00 chs. dist.; desc. E. slope 20 ft. to
83.24	The cor. of secs. 19, 20, 29 and 30.
	Land, abrupt and mountainous, and rugged with ledges, outcroppings and boulders, of sandstone and shale formation, W. 74.40 chs.; rolling, E. 8.84 chs.; general drainage S., SE. and SW. to Sulphur Canyon.
	Soil, shallow red sand or sandy loam, lying on bedrock or on a clay subsoil, on the rough mountainous portions; 2nd. to 4th. rate; adobe clay, about 1 to 3 ft. deep, lying on shale or on clay mixed with shale, on the rolling land; 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, shadscale, yellow top and sagebrush.
	Good grazing on greater portion of mile.
	N.0°03'W., bet. secs. 19 and 20.
	Over mountainous land, through scattering timber and medium dense undergrowth; asc. gradually 15 ft. across the head of draw, draining SE.
2.30	Spur, projects SE.; desc. 20 ft.
6.10	Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

draw, drains SE.; precipitous ascent of 275 ft., over rough SW. slope.

27.00 Spur, projects SE. approximately 12.00 chs. dist.; desc. 45 ft.

30.00 Head of draw, drains generally to the SE.; precipitous ascent of 435 ft., over rough SW. slope.

33.30 Top of nearly perpendicular sandstone ledge, 105 ft. high, bears NE. and SW. about 3.00 chs. dist., thence S.

38.50 Spur, projects SE. approximately 10.00 chs. dist.; desc. gradually 10 ft., along the E. slope of peak, across the head of draw, draining E., to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\begin{array}{c} \uparrow \\ \text{S 19} \quad \text{S 20} \\ \hline 1924 \end{array}$

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

40.40 Spur, 5 ft. below $\frac{1}{4}$ sec. cor., projects NE. approximately 10.00 chs. dist.; desc. abrupt general E. slope 260 ft.

53.50 Head of draw, drains NE.; asc. abruptly 235 ft. along general E. slope.

74.00 Spur, projects NE.; precipitous descent of 260 ft., over NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked:

$\begin{array}{c|c} \text{T18S} & \text{R24E} \\ \hline \text{S18} & \text{S17} \\ \hline \text{S19} & \text{S20} \end{array}$

1924

from which,

A pinon pine, 8 ins. diam., bears N.69°E., 48

lks. dist., marked T 18 S R 24 E S 17 B T.

A pinon pine, 14 ins. diam., bears S.80°15'E., 77

lks. dist., marked T 18 S R 24 E S 19 B T.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

A cedar, 10 ins. diam., bears N.35°W., 52

lks. dist., marked T 18 S R 24 E S 18, B T.

As there are no trees available in sec. 20, I raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor. Land, steep and mountainous, and rugged with ledges, outcroppings and boulders of sandstone and shale formation; general drainage SE. Soil, adobe clay and sandy clay loam, varying in depth from a few ins. to 3 ft., lying on shale, clay or on bedrock; 3rd. and 4th. rate. Timber, cedar and pinon pine. Undergrowth, shadscale, yellow top and sagebrush. Fair growth of grass on greater portion of mile.

1.69°53'E., on a random line bet. secs. 17 and 20.

40.00 Set temp. sec. cor.

70.64 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence,

3.69°56'W., on a true line bet. secs. 17 and 20.

Asc. abrupt E. slope of reef, through medium dense undergrowth.

4.60 Foot of sloping sandstone ledge, 65 ft. high, bears N. and S.

5.00 Top of the ledge or rim of reef, 290 ft. above sec. cor., bears N. and S.; desc. gradual W. slope 155 ft., over gently rolling top of reef, to sec. cor.

6.10 Enter heavy timber, bears N. and S.

34.00 Leave heavy timber and enter scattering, bears N. and S.

39.90 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for sec. cor., with brass cap marked:

S 17

S 20

1924

from which,

A cedar, 3 ins. diam., bears N:21°E., 353

lks. dist., marked B T.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- A cedar, 3 ins. diam., bears S. 21° E., 144
lks. dist., marked B.T.
- 44.00 Gulch, 55 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. 30 ft.
- 48.10 Spur, projects SE. about 3.50 chs. dist.; leave top of
reef, begin descent of 30 ft., over mountainous land.
- 53.20 Dry wash, 40 lks. wide, 4 ft. deep, in the bottom of
canyon, drains SE.; old road in the bottom of wash,
bears NE. and SE.; asc. 15 ft. along the bottom of
canyon.
- 58.50 Recross same wash, from SW., drains NE.
- 60.50 Recross same wash, from NW., drains SE.; leave bottom of
canyon, begin ascent of 150 ft., over general NE. slope.
- 71.80 Spur, projects N. approximately 6.00 chs. dist.; desc.
55 ft.
- 74.60 Head of draw, drains N.; asc. 115 ft.
- 77.50 Spur, projects N. about 5.00 chs. dist.; desc. 25 ft.
- 78.40 Draw, drains N.; asc. 65 ft.
- 79.30 Spur, slopes N.; desc. 15 ft. to
- 79.84 The cor. of secs. 17, 18, 19 and 20.
- Land, abrupt E. slope and gently rolling top of reef, E.
48.10 chs.; abrupt and rough general NE. slope of can-
yon, W. 31.74 chs.; outcroppings and boulders of sand-
stone and shale formation; general drainage SE.
Soil, adobe clay, red sand or sandy loam, about 6 ins.
to 6 ft. deep, lying on shale, bedrock, or on a clay
subsoil; 2nd. to 4th. rate.
Timber, cedar and pinon pine.
Undergrowth, shadscale, yellow top, sagebrush and salt
brush.
Scattering to fair growth of grass on portions of mile.
-
- S. 89° 52' W., on a random line bet. secs. 18 and 19.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 83.19 Intersect the W. bdy. of the Tp., 8 lks. N. of the true
point for cor. of secs. 18 and 19, or 102 lks. S. of
the witness cor. of secs. 18 and 19.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.	
	Thence, N. 89° 49' E., on a true line bet. secs. 18 and 19.
	Over rough mountainous land, through scattering timber and undergrowth; asc. abrupt general W. slope 460 ft.
10.20	Ridge, bears N. and S.; enter a medium growth of timber, bears N. and S.; precipitous descent of 155 ft. across the head of ravine, draining NE.
18.80	Spur, projects NE. approximately 30.00 chs. dist.; abrupt descent of 420 ft.
29.30	Ravine, drains NE.; asc. abrupt NW. slope 365 ft. to.
43.19	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	S 18
	S 19
	1924
	from which,
	A cross (X) chisled on the S. face of a sandstone boulder, 5x2 $\frac{1}{2}$ x1 ft., bears N. 45° W., 3 lks. dist., marked X $\frac{1}{4}$ S 18 B O.
	A cross (X) chisled on the N. face of a sandstone boulder, 10x7x4 ft., bears S. 45° W., 3 lks. dist., marked X $\frac{1}{4}$ S 19 B O.
	All trees available are too scrubby for marking.
48.00	Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects NE. approximately 25.00 chs. dist.; leave medium growth of timber, bears NE. and SW., and enter scattering; precipitous descent of 395 ft.
60.70	Ravine, drains NE.; asc. abruptly 155 ft.
68.90	Spur, projects NE. approximately 12.00 chs. dist.; desc. 100 ft.
73.60	Ravine, drains N. 25° E.; asc. 105 ft.
81.00	Spur, projects N. about 8.00 chs. dist.; desc. 30 ft. to
83.19	The cor. of secs. 17, 18, 19 and 20.
	Land, steep and rough mountainous; shale and sandstone exposed in the form of ledges, outcroppings and boulders; general drainage SW. to Sulphur Canyon, W. 10.20

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

...chs.; E. 72.99 chs., drain NE.

Soil, red sand, sandy loam or clay, about $\frac{3}{4}$ ins. to $1\frac{1}{2}$ ft. deep, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, buck brush and yellow top.

Good grazing of bunch grass on greater portion of mile.

N. $0^{\circ}03'W.$, bet. secs. 17 and 18.

Desc. abrupt rough general NE. slope 160 ft., through scattering timber and undergrowth.

3.10 Draw, drains NE.; asc. 35 ft.

7.70 Spur, projects NE. about 2.00 chs. dist.; desc. 20 ft.

9.90 Dry wash, 40 lks. wide, 4 ft. deep, in the bottom of canyon, drains SE.; asc. abrupt general S. slope 245 ft.

31.90 Spur, projects SE. approximately 6.00 chs. dist.; desc. 90 ft.

38.80 Ravine, drains S. $30^{\circ}E.$; asc. abrupt SW. slope 65 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 18 | S 17
 1924

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.; also, at the base of the monument, I deposit a sandstone, 6x4x1 ins., marked with a cross (X).

43.70 Foot of red sandstone ledge, 30 ft. high, bears E. about 5.00 chs. dist., thence N., and W. approximately 15.00 chs. dist., thence S.

44.10 Top of the ledge.

46.90 Spur, 265 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximately 15.00 chs. dist.; asc. 20 ft. to

Survey of the Subdivision of T. 18 S., R. 24 E.

- Chains.
- 51.90 Head of ravine, drains E. about 5.00 chs. dist., thence SE.; asc. abrupt S. slope 320 ft.
- 61.20 Spur, projects E. approximately 10.00 chs. dist., thence forks NE. and SE.; desc. 25 ft.
- 64.30 Draw, drains NE.; asc. 35 ft.
- 67.70 Spur, projects northeasterly; desc. abruptly 305 ft. to sec. cor., across the head of ravine, draining NE.
- 80.00 On a rough general E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked:

T18S	R24E
S7	S8
S18	S17

1924.

from which,

A pinon pine, 8 ins. diam., bears N.64°45'E., 37 lks. dist., marked T 18 S R 24 E S 8 B T.

A pinon pine, 8 ins. diam., bears S.43°15'E., 66 lks. dist., marked T 18 S R 24 E S 17 B T.

A pinon pine, 10 ins. diam., bears S.47°30'W., 98 lks. dist., marked T 18 S R 24 E S 18 B T.

A cedar, 10 ins. diam., bears N.43°W., 36 lks. dist., marked T 18 S R 24 E S 7 B T.

Land, steep and mountainous with outcroppings, ledges and boulders of sandstone and shale formation; drainage SE., S. 61.20 chs.; N. 18.80 chs. drain NE. to Dry Canyon.

Soil, red sand or sandy loam, varying in depth from a few ins. to about 3 ft., lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, yellow top and buck brush.

Fair to good grazing of bunch grass on portions of mile.

N.89°56'E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

79.80 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence,

N. 89° 58' W., on a true line bet. secs. 8 and 17.

Over rolling top of reef, through heavy timber and scattering undergrowth; desc. gradual W. slope 70 ft.

23.00 Head of draw, drains NE.; asc. gradual SE. slope 15 ft. to witness $\frac{1}{4}$ sec. cor.

23.60 Old road, bears NW. and SE.

38.90 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:

WC $\frac{1}{4}$ $\frac{S\ 8}{S\ 17}$
1924

from which,

A cedar, 6 ins. diam., bears N. 44° 30' E., 53 lks. dist., marked W C $\frac{1}{4}$ S 8 B T.

A cedar limb, 6 ins. diam., bears S. 45° E., 53 lks. dist., marked W C $\frac{1}{4}$ S 17 B T.

39.00 Leave heavy timber, bears N. and S., and enter scattering.

39.90 True point for $\frac{1}{4}$ sec. cor. falls in a dry wash, 100 lks. wide, 3 ft. deep, draining NE.; impracticable to set cor. at this point.

43.00 Leave top of reef, bears NE. and SW.; asc. abrupt SE. slope 590 ft., over rough mountainous land.

55.50 Dry wash, 20 lks. wide, 3 ft. deep, drains NE.

69.20 Spur, projects NE. approximately 35.00 chs. dist.; precipitous descent of 210 ft.

76.20 Ravine, drains NE.; asc. abrupt general E. slope 105 ft. to

79.80 The cor. of secs. 7, 8, 17 and 18.

Land, rolling top of reef, E. 43.00 chs.; steep and mountainous with outcroppings, ledges and boulders, W. 36.80 chs.; general drainage NE. to Dry Canyon; sandstone and shale formation.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

Soil, red sand, sandy loam or clay, varying in depth from a few ins. to about 3 ft., lying on shale, bed-rock or on a clay subsoil; 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top, shadscale and buck brush.

Good grazing of bunch grass on greater portion of W. 36.80 chs.

S. 89°49'W., on a random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

83.20 Intersect the W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 7 and 18, hereinbefore described.

Thence,

N. 89°47'E., on a true line bet. secs. 7 and 18.

Over rough mountainous land, through heavy timber and medium dense undergrowth; desc. abrupt general NW. slope 200 ft.

10.70 Ravine, drains NW.; precipitous ascent of 395 ft.

25.20 Spur, projects N. approximately 20.00 chs. dist., thence northeasterly; abrupt descent of 135 ft.

37.70 Ravine, drains N.; asc. abrupt NW. slope 130 ft. to

43.20 At the base of a broken and perpendicular sandstone ledge, 10 ft. high, bearing N. and S., set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S. 7 \\ \frac{1}{4} \\ \hline S. 18 \\ 1924 \end{array}$$

from which,

A cedar, 6 ins. diam., bears N. 61°45'W., 23 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 8 ins. diam., bears S. 8°E., 29 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Survey of the Subdivision of T. 18 S., R. 24 E.

Drains.

- 44.50 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects NE. approximately 30.00 chs. dist.; thence E.; desc. abruptly 555 ft.
- 63.20 Ravine, drains N.20°E.; asc. abrupt W. slope 125 ft.
- 68.90 Spur, projects N. approximately 20.00 chs. dist.; precipitous descent of 110 ft.
- 74.30 Ravine, drains N.25°E.; asc. abruptly 145 ft.
- 81.00 Spur, projects N.10°E.; desc. abrupt general E. slope 95 ft. to

83.20 The cor. of secs. 7, 8, 17 and 18.

Land, steep and mountainous; shale and sandstone exposed in the form of boulders, ledges and outcroppings; drainage NW. and NE. to Dry Canyon.

Soil, shallow red sand or sandy loam, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.

Timber, medium to a heavy growth of cedar and pinon pine.

Undergrowth, scattering to a medium growth of buck brush, service berry bushes, mountain rush and oak brush.

Poor to fair growth of bunch grass.

N.0°03'W., bet. secs. 7 and 8.

Asc. 95 ft. along rough general E. slope, through scattering timber and medium dense undergrowth.

12.10 Spur, from S.10°W., projects NE. approximately 25.00 chs. dist.; precipitous descent of 230 ft.

19.00 Canyon, drains N.60°E.; abrupt ascent of 365 ft., over S. slope.

32.40 Spur, projects E. about 10.00 chs. dist., thence northeasterly; desc. abruptly 115 ft. to $\frac{1}{4}$ sec. cor., over general N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 18 S. R. 24 E.

Chains.

from which,

A cedar, 14 ins. diam., bears S. 56° E., 91

lks. dist., marked $\frac{1}{4}$ S 8 B T.

A pinon pine, 12 ins. diam., bears S. 36° 45' W., 30

lks. dist., marked $\frac{1}{4}$ S 7 B T.

46.50 Descent becomes more abrupt.

56.50 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of Dry Canyon, 490 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc. abrupt general S. slope 325 ft.

74.40 Spur, projects S. 60° W. approximately 12.00 chs. dist.; desc. 30 ft. along general W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked:

T18S	R24E
S6	S5
S7	S8

1924

from which,

A cedar limb, 5 ins. diam., bears N. 29° 30' E., 40 lks. dist., marked T 18 S R 24 E S 5 B T.

A cedar, 6 ins. diam., bears S. 0° 30' E., 21 lks. dist., marked T 18 S R 24 E S 8 B T.

A cedar limb, 8 ins. diam., bears S. 30° 30' W., 117 lks. dist., marked T 18 S R 24 E S 7 B T.

A cedar, 3 ins. diam., bears N. 45° 45' W., 140 lks. dist., marked B T.

Land, steep and mountainous with ledges, boulders and outcroppings of sandstone and shale formation; general drainage NE. and S. into Dry Canyon, thence E. to West water Creek.

Soil, red sand, sandy loam or clay, about 3 ins. to 4 ft. deep, lying on a clay subsoil, shale or on bedrock 3rd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, yellow top, service berry bushes, mountain rush, oak and buck brush.

Survey of the Subdivision of T. 18 S., R. 24 E.

Quins.

Pair to good grazing of bunch grass on greater portion of mile.

S. $89^{\circ}58'E.$, on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.84 Intersect N. and S. line, 35 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence,

S. $89^{\circ}47'W.$, on a true line bet. secs. 5 and 8.

Over mountainous land, through scattering timber and medium dense undergrowth; asc. gradually 25 ft. along N. slope.

9.30 Spur, projects northeasterly; desc. 10 ft.

14.80 Draw, drains NE.; asc. gradually 65 ft.

29.50 Spur, slopes SE. about 2.00 chs. dist.; desc. 10 ft.

30.90 Recross same draw as noted at 14.80 chs., drains SE. about 5.00 chs. dist., thence easterly; asc. 225 ft. to $\frac{1}{2}$ sec. cor., over NE. slope.

32.80 Ascent becomes abrupt, over boulders and outcroppings.

35.10 Base of nearly perpendicular sandstone ledge, 60 ft. high, bears N. about 5.00 chs. dist., thence NW., and S. about 2.00 chs. dist., thence SW.

35.30 Top of the ledge, bears same as base.

39.92 On top of spur, projecting SE. approximately 12.00 chs. dist., thence easterly, set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 16 ins. high, for $\frac{1}{2}$ sec. cor., with brass cap marked:

S 5

S 8

1924

from which,

A pinon pine, 8 ins. diam., bears N. $17^{\circ}E.$, 41 lks. dist., marked $\frac{1}{2}$ S 5 B T.

A pinon pine, 10 ins. diam., bears S. $11^{\circ}E.$, 97 lks. dist., marked $\frac{1}{2}$ S 8 B T.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

- From this $\frac{1}{4}$ sec. cor., desc. gradually 100 ft., over SW. slope.
- 47.00 Begin precipitous descent of 80 ft. to
- 50.30 E. rim of ravine, bears NW. and SE.; desc. abrupt SW. slope 105 ft.
- 52.30 Bottom of ravine, drains S. 30° E.; asc. abrupt SE. slope 95 ft.
- 55.30 W. rim of ravine, bears NE. and SW.; asc. more gradually 130 ft., over SE. slope.
- 61.60 Spur, projects S. 15° W. approximately 15.00 chs. dist.; desc. abruptly 145 ft.
- 66.90 Ravine, drains S. 15° W.; precipitous ascent of 255 ft.
- 75.60 Spur, projects S. 10° W. about 15.00 chs. dist.; abrupt descent of 115 ft., over general W. slope to
- 79.84 The cor. of secs. 5, 6, 7 and 8.
- Land, mountainous, E. 32.80 chs.; steep and mountainous with boulders, ledges and outcroppings of shale and sandstone formation, W. 47.04 chs.; drainage E. and NE. to Westwater Creek, E. $\frac{1}{2}$ mile; W. $\frac{1}{2}$ mile drains generally S. to Dry Canyon.
- Soil, red sand, sandy loam or clay, varying in depth from a few ins. to about 3 ft., lying on shale, bedrock or on a clay subsoil; 2nd. to 4th. rate.
- Timber, cedar and pinon pine.
- Undergrowth, sagebrush, shadscale and yellow top.
- Fair growth of bunch grass.
-
- S. $89^{\circ}47'$ W., on a random line bet. secs. 6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 83.22 Intersect the W. bdy. of the Tp., 29 lks. S. of the cor. of secs. 6 and 7, hereinbefore described.
- Thence,
- N. $89^{\circ}59'$ E., on a true line bet. secs. 6 and 7.
- Over rough mountainous land, through a medium growth of timber and undergrowth; asc. abrupt NW. slope 300 ft.
- 15.80 Spur, projects S. 15° W. about 15.00 chs. dist., thence

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

southeasterly; desc. abruptly 95 ft.

24.70 Ravine, drains SW. about 15.00 chs. dist., thence southeasterly; precipitous ascent of 115 ft.

35.60 Spur, projects SW. approximately 15.00 chs. dist., thence SE.; desc. abrupt SE. slope 140 ft. to $\frac{1}{4}$ sec. cor.

38.50 Leave medium dense growth of timber, bears NE. and SW., and enter scattering.

43.22 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 6

S 7

1924

from which,

A cedar, 5 ins. diam., bears N.62°W., 29 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A pinon pine, 4 ins. diam., bears S.7°30'W., 99 lks. dist., marked $\frac{1}{4}$ S 7 B T.

59.50 Head of ravine, 375 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. 30 ft.

62.20 Spur, projects S. approximately 20.00 chs. dist.; desc. abruptly. 350 ft.

73.80 Draw, drains S.; asc. 80 ft.

76.80 Spur, projects S. about 5.00 chs. dist.; desc. 70 ft.

81.50 Draw, drains S.; asc. 20 ft. to

83.22 The cor. of secs. 5, 6, 7 and 8.

Land, abrupt N. side of Dry Canyon; rugged with boulders, ledges and outcroppings of sandstone and shale formation; drainage S., SE. and SW. to Dry Canyon, thence E.

Soil, shallow, red sand, sandy loam and clay, lying on a clay subsoil, shale or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, yellow top, mountain rush, service berry bushes, oak and buck brush.

Poor to fair growth of bunch grass.

Survey of the Subdivision of T. 18 S., R. 24 E.

Chains.

N.0°03'E., on a random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the N. bdy. of the Tp., 14 lks. E. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence,

S.0°03'E., on a true line bet. secs. 5 and 6.

Over rough mountainous land, through scattering timber and medium dense undergrowth; asc. 295 ft. across the head of draw, draining NE.

19.00 Spur, projects E. approximately 40.00 chs. dist.; precipitous descent of 410 ft.

32.70 Ravine, drains E.; asc. abrupt N. slope 135 ft. to

39.96 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 14 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 6 | S 5

1924

At the base of the monument, I deposit a sandstone, 8x6x1 ins., marked with a cross (X). All trees within a reasonable distance are too scrubby for marking. From this $\frac{1}{4}$ sec. cor., asc. abruptly 640 ft., over NW. slope.

36.00 Spur, projects NE. approximately 6.00 chs. dist., then forks NE. and SE.; desc. SE. slope 120 ft.

56.10 Head of ravine, drains SE.; abrupt ascent of 165 ft.

66.30 Spur, projects SE. approximately 12.00 chs. dist., thence southwesterly; precipitous descent of 490 ft., over general W. slope to

79.96 The cor. of secs. 5, 6, 7 and 8.

Land, steep and mountainous; rugged with ledges, large boulders and outcroppings of sandstone and shale formation; drainage NE. and E. to Westwater Creek, N. 56.00 chs.; general drainage S. into Dry Canyon, S. 23.96 chs.

Survey of the Subdivision of T. 18 S. R. 24 E.

Chains.

Soil, shallow, red sand, sandy loam, or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, yellow top, mountain rush, service berry bushes, oak and buck brush.

Poor to fair grazing of bunch grass.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing.	Distance.	Latitudes..		Departures.	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
West bdy. of Tp.	North	480.00	480.00			
North bdy. of Tp.	N.89°53'E.	483.10	0.98		483.10	
East bdy. of Tp.	South	480.00		480.00		
South bdy. of Tp.	West	483.30				483.30
Convergency					0.59	
Totals.....			480.98	480.00	483.69	483.30
			480.00		483.30	
Errors in lat. and dep.....			0.98		0.39	

General Description.

This township contains every variety of land from level, rolling and gently rolling bottom land, benches and tops of reefs to steep and rugged mountains. Portions of sections one, two, three, four, nine and sixteen, and practically all of the western two ranges of sections lie at the base and in the Book Mountains, while the remainder or a little more than half of the township is situated in the valley, and may be classed as bad lands which consist of hills, low spurs and ridges, benches, small mesas, knolls and buttes. Although the greater part of the eastern range of sections is level bench land and considerable level and gently rolling bottom land is found all along Westwater Creek. The mountains are cut by numerous deep ravines, gulches and canyons, the principal ones of the latter being Westwater, Sulphur and Dry Canyons;

General Description.

and a large reef with a level and rolling top and a nearly perpendicular rim, varying in height from a few feet to about eighty feet, separates the mountains from the bad lands, throughout the township. Westwater Creek, a stream of clear, alkali water, with an average width of approximately eight links and an average depth of about six inches, is the only water in the township. It crosses the north boundary of section five, flows in a southeasterly direction, leaves the mouth of the canyon near the quarter section corner of four and five, and crosses the south boundary of section thirty-six near the southeast corner of the township. This creek drains the whole township southeasterly into the Colorado River to the south. Sandstone and shale are exposed in the form of outcroppings, boulders and series of broken, sloping and perpendicular ledges in the mountainous portions, but shale outcroppings is the principal formation on the bad lands. Numerous seams and veins of coal are exposed in the mountains, on the sides of the ravines, gulches and canyons, and more particularly so, in the western range of sections. Some of the veins are from one to six feet high. Several oil claims have been staked off in the southern and eastern parts of the township, and the oil shale indications for oil in this township are as good as in the adjoining locality, where drilling is in progress. There is no evidence of other mineral. The township has a general southern exposure, an approximate range of elevation above sea level of five thousand to six thousand five hundred feet, and the general average magnetic declination is fifteen degrees and thirty-five minutes east. A prominent butte, known as Potato Hill, is located in the northeast quarter of the southeast quarter of section nine. The soil in the mountains is a red sand, sandy loam or clay, about three inches to three feet deep, lying on

General Description.

On the benches and tops of reefs, the soil is a red sand or sandy loam, about six inches to two feet deep, lying on a gravelly, light sand or on a white chalky formation, and on the bad lands, there is a light clay or adobe clay, varying in depth from a few inches to several feet, lying on shale. Sandy loam several feet deep is found on the bottom land along Westwater Creek.

Scattering to dense cedar and pinon pine grow on the rough mountainous portions, tops of reefs, and on some of the benches in the eastern part of the township, and there are a few scattering and patches of cedar on the rolling bad lands.

The principal undergrowth in the Rock Mountains is shadscale, sagebrush, yellow top, mountain rush, service berry bushes and buck brush, the former three predominating. Dense sagebrush and shadscale grow on the benches, while scattering to dense shadscale and salt brush is found on the rolling bad lands. Dense tall greasewood predominates on the bottom land.

Thomas Larsen, the only settler in the township, owns a large, well improved ranch, known as the upper ranch, which is located in sections four, five and nine, at the mouth of Westwater Canyon, and also a smaller one situated in sections eleven and fourteen, on Westwater Creek. At the upper ranch, he has a good dwelling house, several large corrals, granary, corn crib, garage, blacksmith shop, orchard, small reservoir, and about fifty or sixty acres of ground fenced and under cultivation, raising all kinds of fruits, vegetables and grains. At the lower ranch in sections eleven and fourteen, the applicant has a good dwelling house, a corral, considerable land fenced and under cultivation, raising corn and potatoes and other grains and vegetables. Mr. Larsen began to make the ranch on this

General Description

ground about four years ago, and at these low levels water and as much land available here, than at the mouth of the canyon, it is probable that a better and larger ranch than the upper one, can be made in this locality. Many small tracts of land suitable for cultivation are located along Westwater Creek, throughout the township, and nearly all of the bench land in the eastern range of sections can be used to raise crops by dry farming or by irrigation, but the latter method is not probable at this time. The mountains and bad lands are unsuitable for farming and are adapted only for grazing stock; and there is a fair to a good growth of bunch and buffalo grass, along with the undergrowth as browse, on the greater part of all of the sections. Owing to the low altitude, the land serves as a good fall, winter and spring range for sheep or cattle, and is being used for that purpose at present. Westwater Creek flows the year round, and cattle, horses and bands of sheep from the adjoining townships on the south, east and west, trail to this stream for water. About eighteen hundred head of cattle are kept on the Larsen ranches and adjoining range.

A well travelled auto or wagon road bears southeasterly from Larsen's ranches to the Pike's Peak-Ocean to Ocean Highway. From this road in section twenty-four, a well travelled auto or wagon road forks, and bears south to Cisco, Utah, on the Pike's Peak-Ocean to Ocean Highway. An old sheep wagon road bears southeasterly from Westwater Creek, in section nine, and leaves the township on the south boundary of section thirty-six. From the mouth of Dry Canyon, on Westwater Creek, an old wagon road bears in a general southerly direction, along the top of the reef, throughout the township, and crosses the south boundary of section thirty-one, near the corner of sections, five, six, thirty-one and thirty-two.

4-680

FIELD ASSISTANTS.

6-2764

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 10th day of February, 1923, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East, West, North Boundaries, Subdivision and a Portion of the South Boundary, an Independent Resurvey of a Portion of the South Boundary of T. 18 S., R. 24 E.

_____ of the Salt Lake Base and _____ Meridian, in the State of Utah, which are represented and date diagram on page 1 of same on the dates shown on said diagram the foregoing field notes/as having been executed by me, and under my direction; and that all the corners said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at Salt Lake City, Utah, May 5, 1925.

J. C. Clark
U. S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES Supervisor of Surveys
~~Surveyor General~~

Denver, Colorado, _____ March 17, 1925

The foregoing field notes of the survey of East, West and North Boundaries, Subdivision and a portion of the South Boundary, and an independent resurvey of a portion of the South Boundary of T. 18 S., R. 24 E., Salt Lake Base & Meridian,

executed by J. C. Clark, U. S. Surveyor under his special instructions dated February 10, 1923, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Wm. H. Brown
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described survey in _____, has been correctly copied from the original notes on file in this office.

RECEIVED

JUN 5 - 1926
District Cadastral Engineer,
Salt Lake City, Utah

4-879

B

BOOK A-479

FIELD NOTES

OF THE SURVEY OF THE

WEST BOUNDARY AND THE ESTABLISHMENT OF QUARTER SECTION CORNERS

ON THE NORTH BOUNDARY, AND THE SURVEY OF THE SUBDIVISION OF

T. 17 S., R. 24 E.

Of the Salt Lake Base and Meridian,

the State of Utah.

EXECUTED BY

J. C. Clark

in the capacity of U. S. Surveyor, under instructions dated February 10, 1923

issued by the United States Surveyor General to govern surveys included in

Map No. 133, which were approved by the Commissioner of the General Land

Office, February 24, 1923, pursuant to authority contained in the Act of
Assignment Instructions dated May 14, 1923.

and resurveyed, 191

Supplemental Assignment Instructions dated May 10, 1924 and May 5, 1925.

Survey commenced July 5, 1925, 191

Survey completed October 24, 1925, 191

INDEX DIAGRAM.

Township 17 South, Range 24 East.																
20			20			19			18			17			16	
14	6	12	7	5	9	6	4	7	8	3	5	7	2	3	8	1
126			124			95			76			56			36	
12	7	12	2	8	9	3	9	7	4	10	5	4	11	3	4	12
120			118			92			72			52			33	
10	18	11	6	17	9	0	16	7	0	15	5	1	14	3	1	18
114			113			89			68			49			29	
8	19	11	0	20	8	7	21	6	6	22	4	8	23	2	8	24
108			107			85			65			46			26	
6	30	10	5	29	8	3	28	6	3	27	4	4	26	2	4	25
103			101			82			62			42			23	
4	31	9	8	32	8	0	33	5	9	34	4	0	35	2	1	36

BOOK A-479

4-679 b

INDEX DIAGRAM.

Township 17 S., Range 24 E.

	160	160	159	158	158	157
154	267	266	236	218	197	178
	266	264	235	216	196	176
152	262	258	233	214	194	174
	260	258	232	212	192	173
150	256	253	230	210	191	171
	254	253	229	208	189	169
148	250	247	227	206	188	168
	248	247	225	205	186	166
146	245	241	223	203	184	164
	243	241	222	202	182	163
144	238	220	199	180	161	

Tests of Instrument.

Township 17 South, Range 24 East.

DATE DIAGRAM

OF

T. 17 S., R. 24 E.

31		32		33		34		35		36		31
9/29/25	10/23/25	10/24/25	9/24/25	9/25/25	9/26/25	9/7/25	9/8/25	8/29/25	9/3/25	8/28/25	9/2/25	9/1/25
	6		5		4		3		2		1	
	10/21/25	9/22/25	9/23/25	8/31/25	8/26/25	8/21/25	7/16/25					
	10/22/25	9/19/25	9/21/25	8/29/25	8/24/25	8/25/25	10	8/19/25	8/20/25	7/15/25	12	
	7		8		9	8/18/25	8/17/25	8/17/25	7/14/25			
	10/15/25	9/17/25	9/18/25	8/28/25	8/15/25	8/1/25	8/20/25	7/13/25	7/11/25			
	10/16/25	9/16/25	7/25/25	16	15	14	13					
	18		17									
	10/10/25	9/15/25	8/14/25	8/13/25	7/31/25	7/11/25						
	10/12/25	9/11/25	9/12/25	7/24/25	8/12/25	7/30/25	23	7/10/25	7/9/25			
	19		20	21	22		23		24			
	10/7/25	9/9/25	8/11/25	8/10/25	7/29/25	7/9/25						
	30	9/10/25	28	27	26	25						
	10/6/25	7/23/25	26	27	26	25						
	10/1/25	7/22/25	8/7/25	8/6/25	7/27/25	7/7/25						
	10/2/25											
	31	32	33	34	35	36						
	7/21/25	7/20/25	8/5/25	7/18/25	7/5/25							

Survey commenced July 5, 1925, and executed by J. C.

Clark, U. S. Surveyor, with a Young and Sons transit No. 8520. The description of the instrument and dates of approval in the Assignment and Supplemental Assignment Instructions by the Assistant Supervisor of Surveys for District No. six, are given at the beginning of the finished field notes of the survey of T. 17 S., R. 25 E., Group No. 133.

July 1, 1925, at camp, in sec. 32, T. 17 S., R. 24 E., in approximate latitude 39°17' N., approximate longi-

Tests of Instrument.

Township 17 South, Range 24 East.

tude $109^{\circ}19'$ W., I examine the adjustments of the instrument and correct the errors in the plate levels, standards and the line of collimation of the main telescope. Then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

July 5, 1925, at 0h 46.7m a. m., l. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a pencil, on a stake driven firmly in the ground approximately ten chains N. of my station.

At 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'30''$ to the west, and mark the meridian with a nail in a stake set firmly in the ground about ten chains N. of my station.

At 8h 0m a. m., apparent time, I set off $39^{\circ}17'$ N., on the lat. arc; $22^{\circ}49'$ N., on the decl. arc; and determine a meridian with the solar which falls about one minute E. of the meridian obtained by observations on Polaris.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $22^{\circ}48'$ N., which agrees within fifteen seconds of the computed declination of the sun.

At 4h 0m p. m., apparent time, with the lat. arc unchanged, I set off $22^{\circ}47'$ N., on the decl. arc, and note that the meridian determined with the solar falls less than one minute west of the meridian determined by Polaris observations.

All of the solar observations during the usual hours of solar work come within one minute of the true meridian; therefore, I conclude that the adjustments of the instrument are satisfactory.

Tests of Instrument.

Township 17 South, Range 24 East.

Final Test of Instrument.

I test the solar apparatus on the meridian, hereinbefore described as established by observations on Polaris July 5, 1925, at camp in sec. 32, T. 17 S., R. 24 E. as follows:

October 24, 1925, at 8h 0m a. m., apparent time, I set off $39^{\circ}17'$ N., on the lat. arc; $11^{\circ}41'$ S., on the decl. arc; and determine a meridian with the solar which agrees within thirty seconds of the true meridian.

At apparent noon, I set off $11^{\circ}46'$ S., on the decl. arc, and observe the sun on the meridian; the resulting reading of the latitude arc is $39^{\circ}17'30''$ N., which agrees within thirty seconds of the calculated latitude.

At 4h 0m p. m., apparent time, with the lat. arc unchanged, I set off $11^{\circ}48'$ S., on the decl. arc; and determine a meridian with the solar which practically coincides with the meridian established by observations on Polaris.

As the instrument during the usual hours of solar work defines positions for meridians that differ no more than one minute from the meridian established by Polaris observations, I conclude that the transit has been in adjustment during the progress of the survey of this township.

The instrument was tested during the hours suitable for solar work one day in each week while surveying this township; observations for latitude and declination were taken whenever practicable, and in computing the declinations of the sun, the refractions were corrected for altitudes above sea level from five to seven thousand feet. All measurements were taken with five chain Lallie steel tapes which were compared frequently with a Lufkin standard one chain steel tape kept for this purpose only, and the distances measured on the slope were reduced to the horizontal by using Keuffel and Esser clinometers.

West Boundary of T. 17 S., R. 24 E.

Chains.

From the cor. of Tps. 17 and 18 S., Rs. 23 and 24 E., which is an iron post, 3 ins. in diam., extending 16 ins. above ground, firmly set in a mound of stone, 6 ft. base, 14 ins. high, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of the survey of the W. bdy. of T. 18 S., R. 24 E.,

North, on a true line bet. secs. 31 and 36, along the W. bdy. of T. 17 S., R. 24 E.

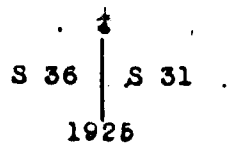
Asc. gradually 5 ft. along rough SW. slope, through a scattering growth of timber and medium dense undergrowth.

- 3.10 Spur, projects NW. approximately 10.00 chs. dist.; precipitous descent of 500 ft.
- 3.30 Top of broken ledge, 10 ft. high, bears NW. and SE.
- 10.00 Top of broken and nearly perpendicular ledge, 30 ft. high, bears E. and W.; leave timber.
- 13.40 Base of descent, bears E. and W.; S. bank of Westwater Creek Wash, 12 ft. high, bears E. and W.; stream of clear water, 6 lks. wide, 4 ins. deep, in the bottom of the wash, which drains from NW. to NE. about 5.00 chs. dist., thence in a general easterly direction.
- 14.40 N. bank of the wash, 6 ft. high, bears NE. and SW.; over nearly level bottom of Westwater Canyon.
- 16.90 Old road bears easterly to Roberson's ranch, thence southeasterly to the Pike's Peak-Ocean to Ocean Highway and NW. to the top of the main divide of the Book Mountains.
- 19.50 Leave bottom of canyon, bears NW. and SE.; begin steep ascent of 340 ft., over rugged general SW. slope.
- 34.10 Perpendicular ledge, 15 ft. high, bears NE. and SW.
- 34.20 Spur, projects SW. approximately 7.00 chs. dist.; abrupt descent of 95 ft.
- 37.30 Draw, drains SW.; asc. steep SE. slope 175 ft. to $\frac{1}{4}$ sec. cor., through scattering timber.

West Boundary of T. 17 S., R. 24 E.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock, and in a mound of stone, 7 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 8 ins. diam., bears N.66°30'E., 99 lks. dist., marked S 31 B T.

A cedar limb, 5 ins. diam., bears N.63°15'W., 109 lks. dist., marked S 36 B T.

44.50 Top of broken and nearly perpendicular ledge, 15 ft. high, bears N.70°W. and S.70°E.; enter a medium dense growth of timber, bears N.70°W. and S.70°E.; from this point a spur projects SW. approximately 15.00 chs. dist.; continue steep ascent over general SW. slope.

51.10 Top of broken and sloping ledge, 25 ft. high, bears NW. and SE., at the top of abrupt ascent, bearing NW. and SE., 370 ft. above $\frac{1}{4}$ sec. cor.; enter a heavy growth of timber, bears NW. and SE.; asc. gradual S. slope 45 ft.

59.50 Spur, projects W. about 8.00 chs. dist. to the breaks of Westwater Canyon; desc. 25 ft.

65.20 Draw, drains W.; asc. 15 ft.

66.10 Spur, projects W. approximately 5.00 chs. dist. to the breaks of Westwater Canyon; desc. 15 ft.

67.70 Draw, drains W.; asc. 30 ft.

75.60 Spur, projects W. about 3.00 chs. dist.; desc. 15 ft.

78.50 Ravine, drains W. approximately 3.00 chs. dist., thence SW.; asc. gradually 10 ft.

79.80 Top of ascent, bears NE. and SW.; desc. gradually 5 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for cor. of secs. 25, 30, 31 and

Chains.

30, with brass cap marked:

T17S	
R24E	R24E
S30	S30
S30	S31
1925	

from which,

A cedar, 12 ins. diam., bears N.27°E., 45

lks. dist., marked T 17 S R 24 E S 30 B T.

A pinon pine, 8 ins. diam., bears S.49°30'E., 124

lks. dist., marked T 17 S R 24 E S 31 B T.

A pinon pine, 10 ins. diam., bears S.21°W., 222

lks. dist., marked T 17 S R 23 E S 36 B T.

A pinon pine, 10 ins. diam., bears N.25°W., 76

lks. dist., marked T 17 S R 23 E S 25 B T.

Land, steep and mountainous with numerous large sandstone boulders, outcroppings, and broken, sloping and perpendicular ledges; drainage NW. and SW. into Westwater Canyon, thence easterly.

Soil, shallow red sand, or sandy loam and clay, lying on bedrock or on a clay subsoil; 3rd. and 4th. rate; sandy loam, varying in depth from 5 to 25 ft., in the bottom of Westwater Canyon.

Timber, cedar and pinon pine.

Undergrowth, oak and buck brush, service berry bushes, mountain rush, shadscale and sagebrush.

Poor to fair growth of grass.

North, bet. secs. 25 and 30.

Desc. gradually 5 ft., over rough NW. slope, through a heavy growth of timber and medium dense undergrowth.

1.00 Head of draw, drains SW.; asc. abruptly 145 ft.

3.00 Top of broken and nearly perpendicular ledge, 20 ft. high, bears SE. and W.

6.70 Spur, projects W. approximately 7.00 chs. dist., then forks SE. and W. about 15.00 chs. dist.; desc. 25 ft.

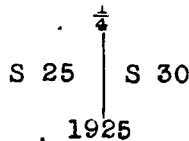
17.40 Draw, drains W.; asc. 70 ft.

27.50 Spur, projects W. approximately 9.00 chs. dist.; desc. 20 ft.

West Boundary of T. 17 S., R. 24 E.

Chains.

- 26.20 Draw, drains W.; asc. 65 ft.
- 31.00 Spur, projects W. about 3.00 chs. dist.; abrupt descent of 70 ft.
- 34.20 Ravine, drains W. about 3.00 chs. dist., thence SW.; asc. S. slope 100 ft. to $\frac{1}{4}$ sec. cor.
- 36.10 Top of, nearly perpendicular ledge, 25 ft. high, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

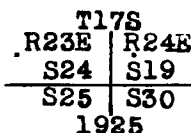


from which,

A pinon pine, 6 ins. diam., bears N.79°E., 33 lks. dist., marked $\frac{1}{4}$ S 30 B T.

A pinon pine, 7 ins. diam., bears N.65°30'W., 65 lks. dist., marked $\frac{1}{4}$ S 25 B T.

- 46.10 Spur, 80 ft. above $\frac{1}{4}$ sec. cor., projects W. approximately 10.00 chs. dist., then forks SW. and W. about 25.00 chs. dist.; desc. 130 ft.
- 54.30 Draw, drains W.; asc. 95 ft.
- 63.40 Spur, projects NW. approximately 15.00 chs. dist.; desc. 70 ft.
- 66.40 Draw, drains NW.; asc. 10 ft.
- 68.30 Spur, projects NW. approximately 3.00 chs. dist.; desc. 70 ft.
- 72.60 Draw, drains W.; asc. 45 ft.
- 75.40 Spur, projects W. about 5.00 chs. dist.; desc. NW. slope 60 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked:



Chains.

from which,

A pinon pine, 12 ins. diam., bears N.44°30'E., 72
lks. dist., marked T 17 S R 24 E S 19 B T.

A pinon pine, 9 ins. diam., bears S.55°30'E., 61
lks. dist., marked T 17 S R 24 E S 30 B T.

A pinon pine, 7 ins. diam., bears S.22°30'W., 80
lks. dist., marked T 17 S R 23 E S 25 B T.

A pinon pine, 10 ins. diam., bears N.63°15'W., 54
lks. dist., marked T 17 S R 23 E S 24 B T.

Land, abrupt and mountainous, draining generally to the
SW. into Westwater Canyon; outcroppings and ledges of
sandstone formation.

Soil, shallow red sand or sandy loam, lying on bedrock
or on a clay subsoil; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, oak and buck brush, service berry bushes,
mountain rush and sagebrush.

Excellent growth of grass on N. slopes; fair grazing on
S. slopes.

North, bet. secs. 19 and 24.

Over rough mountainous land, through a heavy growth of
timber and medium dense undergrowth; desc. gradual N.
slope 10 ft.

0.80 Ravine, drains W. about 6.00 chs. dist., thence SW.; asc.
abruptly 105 ft.

5.00 Top of broken and sloping ledge, 30 ft. high, bears E.
and W. about 60 lks. dist., thence northeasterly.

5.30 Spur, projects W. approximately 4.00 chs. dist.; steep
descent of 65 ft.

6.60 Top of broken and sloping ledge, 20 ft. high, bears E.
and W.

8.80 Ravine, drains W.; abrupt ascent of 85 ft.

10.20 Top of nearly perpendicular ledge, 35 ft. high, bears W.
and E. about 2.00 chs. dist., thence southeasterly.

This is the same ledge as noted at 5.00 chs. and at

West Boundary of T. 17 S., R. 24 E.

Chains.

6.60 chs.

- 16.40 Spur, projects W. about 8.00 chs. dist.; desc. 25 ft.
 17.30 Draw, drains W.; asc. abrupt general S. slope 85 ft.
 18.70 Perpendicular ledge, 15 ft. high, bears E. and W.
 23.50 Spur, projects W.; desc. 15 ft.
 28.50 Draw, drains W.; asc. 15 ft.
 31.90 Ridge, bears SE. and W.; desc. N. slope 70 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\begin{array}{c} \uparrow \\ \text{S } 24 \quad | \quad \text{S } 19 \\ \downarrow \\ 1925 \end{array}$

from which,

A cedar, 8 ins. diam., bears S.47°45'E., 53

lks. dist., marked $\frac{1}{4}$ S 19 B T.

A pinon pine, 6 ins. diam., bears S.34°15'W., 53

lks. dist., marked $\frac{1}{4}$ S 24 B T.

- 42.00 Descent becomes more abrupt, and timber scattering.
 51.80 Top of broken and sloping ledge, 40 ft. high, bears
 N.70°E. and S.70°W.
 55.80 Top of broken ledge, 50 ft. high, bears E. and W.
 58.10 Rugged ravine, 540 ft. below $\frac{1}{4}$ sec. cor., drains E.;
 precipitous ascent of 350 ft. over S. slope.
 60.80 Top of broken and nearly perpendicular ledge, 50 ft.
 high, bears E. and W.
 64.20 Top of broken and sloping ledge, 50 ft. high, bears E.
 and W.
 67.00 Top of broken and sloping ledge, 50 ft. high, bears E.
 and W.
 70.40 Spur, projects S.60°E. approximately 25.00 chs. dist.;
 desc. abruptly 135 ft. along general E. slope to sec.
 cor.
 76.10 Top of sloping ledge, 40 ft. high, bears NW. and SE..
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in the ground, for cor. of secs. 13, 18, 19 and 24,
 with brass cap marked:

West Boundary of T. 17 S., R. 24 E.

Chains.

T17S	
R23E	R24E
S13	S18
S24	S19
1925	

from which,

A pinon pine, 6 ins. diam., bears N.38°30'E., 3

lks. dist., marked T 17 S R 24 E S 18 B T.

A pinon pine, 7 ins. diam., bears S.56°30'E., 87

lks. dist., marked T 17 S R 24 E S 19 B T.

A cedar limb, 6 ins. diam., bears S.1°45'W., 27

lks. dist., marked T 17 S R 23 E S 24 B T.

A pinon pine, 10 ins. diam., bears N.5°30'W., 203

lks. dist., marked T 17 S R 23 E S 13 B T.

Land, abrupt and mountainous; entire mile rough with outcroppings and ledges of sandstone formation; drainage SW. into Westwater Canyon, S. 31.90 chs.; general drainage E. into Middle Canyon, N. 48.10 chs.

Soil, shallow red sand and sandy loam, lying on bedrock or on a clay subsoil; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, oak brush, mountain rush and sagebrush.

Fair growth of grass on S. and E. slopes; excellent grazing on N. slopes.

North, bet. secs. 13 and 18.

Along steep rough general E. slope, on the W. side of.

Middle Canyon, through a medium dense growth of timber and undergrowth; desc. N. slope 10 ft.

0.80 Draw, drains E.; asc. 35 ft.

5.00 Spur, projects S.75°E. approximately 10.00 chs. dist.; abrupt descent of 155 ft.

10.40 Draw, drains S.75°E.; asc. 20 ft.

11.40 Spur, projects E. about 8.00 chs. dist.; desc. 85 ft..

32.90 Draw, drains S.60°E.; asc. abruptly 80 ft. over SW. slope to

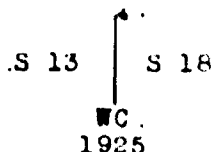
40.00 The true point for $\frac{1}{4}$ sec. cor. falls in the bottom of a

West Boundary of T. 17 S., R. 24 E.

Chains.

dry wash, 25 lks. wide, 5 ft. deep, draining E.; impracticable to set a cor. at this point.

- 40.15 On the N. bank of the wash, set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 10 ins. high, for witness & sec. cor., with brass cap marked:

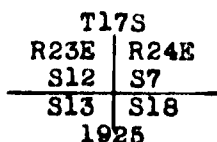


from which,

A cedar limb, 5 ins. diam., bears N. 69° 30' E., 35 lks. dist., marked W C & S 18 B T.

A pinon pine, 5 ins. diam., bears S. 21° W., 38 lks. dist., marked W C & S 13 B T.

- 41.80 Spur, 15 ft. above witness & sec. cor., projects E. approximately 12.00 chs. dist.; steep descent of 80 ft.
- 44.40 Draw, drains E.; asc. abruptly 60 ft.
- 45.40 Spur, projects E. about 9.00 chs. dist.; desc. 180 ft.
- 62.50 Draw, drains N. 60° E.; asc. 50 ft.
- 65.80 Spur, projects N. 60° E. approximately 3.00 chs. dist.; abrupt descent of 60 ft.
- 69.20 Perpendicular ledge, 15 ft. high, bears E. and W.
- 71.50 Stream of clear water, 2 lks. wide, 3 ins. deep, in wash, 100 lks. wide, 8 ft. deep, in the bottom of Middle Canyon, drains E. about 2.50 chs. dist., thence SW.; steep ascent of 165 ft. over SE. slope.
- 76.90 Spur, projects S. 70° W. approximately 2.50 chs. dist.; desc. abrupt NW. slope 75 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for cor. of secs. 7, 12, 13 and 18, with brass cap marked:



West Boundary of T. 17 S., R. 24 E.

Chains.

from which,

A cedar, 16 ins. diam., bears N.32°E., 123

lks. dist., marked T 17 S R 24 E S 7 B T.

A cedar limb, 10 ins. diam., bears S.71°15'E., 85

lks. dist., marked T 17 S R 24 E S 18 B T.

A cedar, 7 ins. diam., bears S.42°15'W., 71

lks. dist., marked T 17 S R 23 E S 13 B T.

A cedar limb, 4 ins. diam., bears N.86°30'W., 103

lks. dist., marked T 17 S R 23 E S 12 B T.

Land, abrupt rough sides of Middle Canyon, which drains generally S.10°E.; numerous large sandstone boulders ledges and outcroppings.

Soil, shallow red sand and sandy loam, lying on bedrock or on a clay subsoil; 2nd. to 4th. rate; sandy loam, several ft. deep, in the bottom of Middle Canyon; 1st. and 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, sagebrush and shadscale; dense growth of tall sagebrush in the bottom of Middle Canyon.

Poor to fair growth of grass.

North, bet. secs. 7. and 12.

Over rugged mountainous land, through a scattering growth of timber and medium dense undergrowth; desc. steep NW. slope 15 ft.

0.40 Ravine, drains S.70°W.; precipitous ascent of 220 ft..

2.00 Perpendicular ledge, 50 ft. high, bears E. and W.

6.40 Spur, projects SW. approximately 8.00 chs. dist.; desc. abruptly 120 ft.

13.90 Ravine, drains SW.; asc. 50 ft.

16.70 Top of ascent, bears NW. and SW.; desc. 15 ft.

19.80 Same ravine as noted at 13.90 chs., drains S.20°E.; asc. 125 ft.

26.70 Spur, projects SW. about 2.00 chs. dist.; desc. 15 ft.

West Boundary of T. 17 S., R. 24 E.

Chains.

27.50 Same ravine as noted at 19.80 chs., drains SW.; precipitous ascent of 470 ft. to $\frac{1}{4}$ sec. cor., over SE. slope.

35.80 Top of broken and sloping ledge, 40 ft. high, bears N.70°E. and S.70°W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 12 | S 7

1925

from which,

A pinon pine, 5 ins. diam., bears N.53°30'E., 35 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 7 ins. diam., bears S.33°30'W., 134 lks. dist., marked $\frac{1}{4}$ S 12 B T.

40.60 Perpendicular ledge, 80 ft. high, bears S.70°W. about 5.00 chs. dist., thence northerly and N.70°E. about 4.00 chs. dist., thence southeasterly.

43.70 Perpendicular ledge, 40 ft. high, bears S.70°W. about 3.00 chs. dist., thence northerly and N.70°E. about 5.00 chs. dist., thence southeasterly.

45.20 Perpendicular ledge, 25 ft. high, bears S.70°W. about 3.00 chs. dist., thence northerly and N.70°E. about 6.00 chs. dist., thence southeasterly.

48.10 Perpendicular ledge, 80 ft. high, bears S.70°W. about 25 lks. dist., thence northerly and N.70°E. about 8.00 chs. dist., thence southeasterly; from this ledge, a spur projects SW. about 10.00 chs. dist., then forks SW. and westerly to Middle Canyon.

49.50 Spur, 495 ft. above $\frac{1}{4}$ sec. cor., projects W. approximately 2.00 chs. dist. to the breaks of Middle Canyon; enter a heavy growth of timber, bears E. and W.; desc. 70 ft.

57.30 Ravine, drains W.; asc. 55 ft.

75.30 Spur, projects W. about 40.00 chs. dist.; precipitous descent of 120 ft. over N. slope to

West Boundary of T. 17 S., R. 24 E.

Chains.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked:

	T17S	
R23E		R24E
S1		S6
S12		S7
	1925	

from which,

A pinon pine, 5 ins. diam., bears N.32°30'E., 18 lks. dist., marked T 17 S R 24 E S 6 B T.

A pinon pine, 7 ins. diam., bears S.72°45'E., 37 lks. dist., marked T 17 S R 24 E S 7 B T.

A pinon pine, 10 ins. diam., bears S.8°30'W., 54 lks. dist., marked T 17 S R 23 E S 12 B T.

A pinon pine, 6 ins. diam., bears N.83°W., 38 lks. dist., marked T 17 S R 23 E S 1 B T.

Land, line runs along the rough and abrupt E. side of Middle Canyon, which drains southeasterly; sandstone exposed in the form of large boulders, surface rock, outcroppings, and broken, sloping and perpendicular ledges.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.

Timber, cedar and pinon pine; scattering balsam and a few mahogany.

Undergrowth, buck brush, service berry bushes, mountain rush, oak brush and shadscale.

Fair to good growth of grass where surface is not rough.

North, bet. secs. 1 and 6, on a true line.

Desc. abrupt rough N. slope 180 ft., through a medium dense growth of timber and undergrowth.

5.50 Bottom of steep descent, bears E. and W.; leave medium dense growth of timber and enter scattering, bears E. and W.; desc. gradual NW. slope 135 ft.

19.20 Top of abrupt descent, bears N.60°E. and S.60°W.

35.60 Rugged fork of Middle Canyon, 355 ft. below top of abrupt

West Boundary of T. 17 S., R. 24 E.

Chains.	
	descent, drains S.60°W.; precipitous ascent of 210 ft. to $\frac{1}{4}$ sec. cor., over series of broken and perpendicular ledges, 10 to 60 ft. high, bearing N.60°E. and S.60°W., on SE. slope.
36.00	Undergrowth becomes scattering, bearing N.60°E. and S.60°W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 1 \quad | \quad \text{S } 6 \\ \downarrow \\ 1925 \end{array}$
	from which,
	A pinon pine, 10 ins. diam., bears S.83°E., 24 lks. dist., marked $\frac{1}{4}$ S. 6 B T.
	A cedar, 10 ins. diam., bears S.81°W., 59 lks. dist., marked $\frac{1}{4}$ S. 1 B T.
47.90	Leave series of ledges, bears E. and W., at the top of abrupt ascent, bearing E. and W.; asc. gradual S. slope 10 ft.
48.10	Enter a heavy growth of timber, bears E. and W.
48.50	Spur, projects E. approximately 15.00 chs. dist.; enter medium dense undergrowth, bears E. and W.; desc. 20 ft.
57.20	Draw, drains E.; asc. 15 ft.
58.20	Spur, projects E. about 20.00 chs. dist.; desc. 30 ft.
70.40	Draw, drains E.; asc. 25 ft.
71.60	Top of broken and nearly perpendicular ledge, 15 ft. high, bears E. and W., on top of spur, projecting E. approximately 15.00 chs. dist.; desc. 115 ft.
82.90	Draw, drains S.70°E.; asc. gradual SW. slope 10 ft. to
83.49	Intersect the S. bdy. of sec. 31, T. 16 S., R. 24 E., east 27.77 chs. dist. from the original cor. of Tps. 16 and 17 S., Rs. 23 and 24 E., which is an iron post, 3 ins. in diam., extending 12 ins. above ground, firmly set in a small mound of stone, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of the survey of

West Boundary of T. 17 S., R. 24 E.Chains.

the S. bdy. of T. 16 S., R. 23 E., Group No. 87. At the point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for closing cor. of Tps. 17 S., Rs. 23 and 24 E., with brass cap marked:

T16SR24E	
S 31	
S1	S6
R23E	R24E
T17S	
CC	
1925	

from which,

A pinon pine, 10 ins. diam., bears S.45°30'E., 46 lks. dist., marked T 17 S R 24 E S 6 C C B T.

A pinon pine, 8 ins. diam., bears S.13°30'W., 40 lks. dist., marked T 17 S R 23 E S 1 C C B T.

The original cor. of Tps. 16 and 17 S., Rs. 23 and 24 E. now refers to Tps. 16 S., Rs. 23 and 24 E.; therefore, I deface the markings pertaining to Tps. 17 S., Rs. 23 and 24 E., on the post and trees.

Land, steep and mountainous; rough with large sandstone boulders, surface rock, outcroppings and series of broken and perpendicular ledges; drainage NW. and SE. into a fork of Middle Canyon, thence SW.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.

Timber, cedar, pinon pine, balsam and mahogany.

Undergrowth, oak and buck brush, service berry bushes and mountain rush.

Good grazing of grass and browse on S. 35.60 chs.; poor to fair growth of grass on N. 47.89 chs.

Establishment of Quarter Section Corners
on North Boundary of T. 17 S., R. 24 E.

From the cor. of Tps. 16 S., Rs. 24 and 25 E., which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by two bearing trees, one in each of secs. 31 and 36,

Establishment of Quarter Section Corners

on North Boundary of T. 17 S., R. 24 E.

Chains.

as described in the finished field notes of the survey of the S. bdy. of T. 16 S., R. 24 E., Group No. 87, West, along the N. bdy. of sec. 1, T. 17 S., R. 24 E.

- 7.10 The true point for $\frac{1}{4}$ sec. cor. of sec. 1 or point midway bet. the closing cor. of Tps. 17 S., Rs. 24 and 25 E., heretofore described in the finished field notes of the survey of the W. bdy. of T. 17 S., R. 25 E., in this group, and the closing cor. of secs. 1 and 2, T. 17 S. R. 24 E., hereinafter described, falls on the E. face of a nearly perpendicular ledge, 80 ft. high, bearing N.10°E. and S.70°W., where it is impracticable to chisel a cross (X) or set an iron post.

West, with continuous measurement.

- 7.66 On top of the ledge, set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in a crevice, and surround by a mound of stone, 5 ft. base, 2 $\frac{1}{2}$ ft. high, for witness $\frac{1}{4}$ sec. cor. of sec. 1, only, with brass cap marked:

——— W
 1 S 1
 C
 1925

All trees are either too scrubby for marking or the bearings and distances from the cor. to the trees are impracticable to determine on account of high ledges; therefore, at the base of the monument, I deposit a sandstone, 8x8x3 ins., marked with a cross (X).

The original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, Tps. 16 and 17 S., R. 24 E., is an iron post, 1 in. in diam., extending 18 ins. above ground, firmly set in a mound of stone, 4 ft. base, 1 ft. high, correctly marked and witnessed by two bearing trees, one in each sec. As this cor. now refers to sec. 36, only, T. 16 S., R. 24 E., I destroy the markings pertaining to sec. 1, T. 17 S., R. 24 E., on the post and S. bearing tree.

From the cor. of secs. 35 and 36, T. 16 S., R. 24 E., hereinafter described,

Establishment of Quarter Section Corners

on North Boundary of T. 17 S., R. 24 E.

Chains.

West, along the N. bdy. of sec. 2, T. 17 S., R. 24 E.

7,185. Point midway bet. the closing cors. of secs. 1 and 2,
and 2 and 3, hereinafter described,

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins.

in the ground to solid rock, and in a mound of stone,

4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 2,

only, with brass cap marked:

 $\frac{1}{4}$ S 2

1925

from which,

A pinon pine, 10 ins. diam., bears S.20°30'E., 56

lks. dist., marked $\frac{1}{4}$ S 2 B T.

A pinon pine, 10 ins. diam., bears S.33°30'W., 50

lks. dist., marked $\frac{1}{4}$ S 2 B T.

The original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, Tps. 16 and
17 S., R. 24 E., is an iron post, 1 in. in diam., ex-
tending 18 ins. above ground, firmly set in a mound
of stone, 5 ft. base, 1 ft. high, correctly marked and
witnessed by two bearing trees, one in each sec. This
cor. now refers to sec. 35, only, T. 16 S., R. 24 E.;
therefore, I deface the markings pertaining to sec. 2,
T. 17 S., R. 24 E., on the post and S. bearing tree.

From the cor. of secs. 34 and 35, T. 16 S., R. 24 E.,
hereinafter described,

West, along the N. bdy. of sec. 3, T. 17 S., R. 24 E.

7.10 Point midway bet. the closing cors. of secs. 2 and 3,
and 3 and 4, hereinafter described.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 3, only, with
brass cap marked:

 $\frac{1}{4}$ S 3.

1925

from which,

A pinon pine, 12 ins. diam., bears S.5°45'E., 14

lks. dist., marked $\frac{1}{4}$ S 3 B T.

Establishment of Quarter Section Corners

on North Boundary of T. 17 S., R. 24 E.

Chains.

A pinon pine, 7 ins. diam., bears S.19°15'W., 13 lks. dist., marked $\frac{1}{4}$ S 3 B T.

The original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, Tps. 16 and 17 S., R. 24 E., is an iron post, 1 in. in diam., extending 2 $\frac{1}{2}$ ft. above ground, firmly set in a mound of stone, 6 ft. base, 2 ft. high, correctly marked and witnessed by two bearing trees, one in each sec. As this cor. now refers to sec. 34, only, T. 16 S., R. 24 E., I destroy the markings pertaining to sec. 3, T. 17 S., R. 24 E., on the post and S. bearing tree.

From the cor. of secs. 33 and 34, T. 16 S., R. 24 E., hereinafter described,

West, along the N. bdy. of sec. 4, T. 17 S., R. 24 E.

6.945 Point midway bet. the closing cors. of secs. 3 and 4, and 4 and 5, hereinafter described.

On the E. face of a sloping ledge, 20 ft. high, bearing N. and S., set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in a crevice, and surround by a mound of stone, 2 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 4, only, with brass cap marked:

$\frac{1}{4}$ S 4.

1925

from which,

A pinon pine, 10 ins. diam., bears S.39°30'E., 31 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A pinon pine, 5 ins. diam., bears S.33°W., 16 lks. dist., marked $\frac{1}{4}$ S 4 B T.

The original $\frac{1}{4}$ sec. cor. of secs. 4 and 33, Tps. 16 and 17 S., R. 24 E., is an iron post, 1 in. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by two bearing trees, one in each sec. This cor. now refers to sec. 33, only, T. 16 S., R. 24 E.; therefore, I deface the markings pertaining to sec. 4, T. 17 S., R. 24 E., on the post and S. bearing tree.

Establishment of Quarter Section Corners
on North Boundary of T. 17 S., R. 24 E.

Chains.

From the cor. of secs. 32 and 33, T. 16 S., R. 24 E.,
hereinafter described,

West, along the N. bdy. of sec. 5, T. 17 S., R. 24 E.

6.69. Point midway bet. the closing cors. of secs. 4 and 5,
and 5 and 6, hereinafter described.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 5, only, with
brass cap marked:

$\frac{1}{4}$ S 5

1925.

from which,

A pinon pine, 8 ins. diam., bears S.41°15'E., 42
lks. dist., marked $\frac{1}{4}$ S 5 B T.

A pinon pine, 8 ins. diam., bears S.17°30'E., 9
lks. dist., marked $\frac{1}{4}$ S 5 B T.

The original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, Tps. 16 and
17 S., R. 24 E., is an iron post, 1 in. in diam., ex-
tending 12 ins. above ground, firmly set in a mound
of stone, 4 ft. base, 1 ft. high, correctly marked and
witnessed by two bearing trees, one in each sec. As
this cor. now refers to sec. 32, only, T. 16 S., R. 24
E., I destroy the markings pertaining to sec. 5, T. 17
S., R. 24 E., on the post and S. bearing tree.

From the cor. of secs. 31 and 32, T. 16 S., R. 24 E.,
hereinafter described,

West, along the N. bdy. of sec. 6, T. 17 S., R. 24 E.

6.65 Westing of 40.00 chs. from the closing cor. of secs. 5
and 6.

Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
the ground to bedrock, and in a mound of stone, 6 ft.
base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 6, only,
with brass cap marked:

$\frac{1}{4}$ S 6

1925.

21.
Establishment of Quarter Section Corners

on North Boundary of T. 17 S., R. 24 E.

Chains.

from which,

A pinon pine, 5 ins. diam., bears S.45°15'E., 34
lks. dist., marked $\frac{1}{4}$ S 6 B T.

A pinon pine, 7 ins. diam., bears S.53°45'W., 54
lks. dist., marked $\frac{1}{4}$ S 6 B T.

The original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, Tps. 16 and
17 S., R. 24 E., is an iron post, 1 in. in diam., ex-
tending 1 ft. above ground, firmly set in a mound of
stone, 4 ft. base, 10 ins. high, correctly marked and
witnessed by two bearing trees, one in each sec. This
cor. now refers to sec. 31, only, T. 16 S., R. 24 E.;
therefore, I deface the markings pertaining to sec. 6,
T. 17 S., R. 24 E., on the post and S. bearing tree.

Subdivision of T. 17 S., R. 24 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy.
of the Tp., heretofore described in the finished field
notes of the survey of the N. bdy. of T. 18 S., R. 24
E., in this group,

N0°01'W., bet. secs. 35 and 36.

Over gently rolling top of reef, through a heavy growth
of timber and scattering undergrowth of sagebrush;
desc. NE: slope 10 ft.

0.40 Draw, drains N.70°W.; asc. gradually 20 ft.

2.00 Top of ascent, bears NW. and SE.; desc. gradually 15 ft.

7.00 Leave timber, bears NW. and SE.

7.20 Enter a dense growth of sagebrush, bears NW. and SE.

12.50 Swale, drains NW.; asc. gradual SW. slope 15 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
S 35 | S 36
1925

from which,

A cedar limb, 6 ins. diam., bears N.81°45'E., 157
lks. dist., marked $\frac{1}{4}$ S 36 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

A cedar, 12 ins. diam., bears N.6°45'W., 323
lks. dist., marked $\frac{1}{4}$ S 35 B T.

41.00 Enter a medium dense growth of timber, bears NW. and SE.
sagebrush becomes scattering, bearing NW. and SE.;
enter a sparse growth of shadscale and yellow top.

57.00 Leave timber, bears N.60°W. and S.60°E.

57.30 Leave top of reef, 25 ft. above $\frac{1}{4}$ sec. cor., bears NW.
and SE.; asc. precipitous SW. slope 340 ft., over
rough mountainous land.

60.30 Top of nearly perpendicular ledge, 95 ft. high, bears
N.70°W. and S.70°E.; ascent becomes more gradual, bear-
ing NW. and SE.; enter scattering timber.

73.20 Spur, projects SE. approximately 10.00 chs. dist.; abrupt
descent of 120 ft. to sec. cor., across the head of a
draw, draining NE.

80.00 On a SE. slope, set an iron post, 3 ft. long, 2 ins. in
diam., 18 ins. in the ground to solid rock, and in a
mound of stone, 6 ft. base, 1 ft. high, for cor. of
secs. 25, 26, 35 and 36, with brass cap marked:

T17S	R24E
S26	S25
S35	S36
1925	

from which,

A cedar, 12 ins. diam., bears N.12°45'E., 105
lks. dist., marked T 17 S R 24 E S 25 B T.

A cedar limb, 5 ins. diam., bears S.58°30'E., 136
lks. dist., marked T 17 S R 24 E S 36 B T.

A cedar, 16 ins. diam., bears S.11°30'W., 147
lks. dist., marked T 17 S R 24 E S 35 B T.

A pinon pine, 12 ins. diam., bears N.50°30'W., 55
lks. dist., marked T 17 S R 24 E S 26 B T.

Land, rolling and gently rolling top of reef, S. 57.30
chs.; rough mountainous, N. 22.70 chs.; sandstone and
shale exposed in the form of outcroppings and ledges
on rough mountainous portion; S. 73.20 chs. drain NW.
and SW. into large ravines, thence S.; N. 6.80 chs.
drain E. and NE. into Bryson Wash.

Subdivision of T. 17 S., R. 24 E.

Chains.

Soil, red sandy loam, about 2 ft. deep, lying on a light colored or brown clay, or on shale, on S. $\frac{1}{2}$ mile; shallow red sand or clay, lying on bedrock, on rough mountainous portion; shallow clay, lying on shale, on remainder of mile; 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top and shadscale.

Scattering to a fair growth of grass.

N. $89^{\circ}53'E.$, on a random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the E. bdy. of the Tp., 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, heretofore described in the finished field notes of the survey of the W. bdy. of T. 17 S., R. 25 E., in this group.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of T. 17 S., R. 24 E., the SE. cor. of Frank Shafer's house, bears N. $45^{\circ}10'W.$ 38.50 chs. dist.; from the SE. cor. of the house, the W. end of the dam of a reservoir, bears N. $64^{\circ}E.$ 10.20 chs. dist.

Thence, from the cor. of secs. 25, 30, 31 and 36, S. $89^{\circ}57'W.$, on a true line bet. secs. 25 and 36.

Over gently rolling top of reef, through a medium dense growth of timber and dense undergrowth of sagebrush; desc. gradual NW. slope 15 ft.

0.50 Leave timber, bears N. and S.

21.90 Swale, drains SW.; asc. gradual E. slope 20 ft.

36.40 Top of ascent, bears N. and S.; desc. gradual W. slope 10 ft. to

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S \ 25 \\ \frac{1}{4} \hline S \ 36 \\ 1925 \end{array}$$

from which,

A cedar, 12 ins. diam., bears N. $44^{\circ}W.$, 153 lks. dist., marked $\frac{1}{4}$ S 25 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.	A cedar limb, 4 ins. diam., bears S. 71° 15' W., 98 lks. dist., marked $\frac{1}{4}$ S 36 B T.
40.80	Bryson Wash, dry, 80 lks. wide, 8 ft. deep, in the bottom of swale, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. gradual E. slope 35 ft.
65.00	Leave sagebrush, bears NE. and SW., and enter scattering growth of yellow top and shadscale.
65.30	Dry wash, 20 lks. wide, 3 ft. deep, drains SE.
65.50	Leave rolling top of reef, bears NE. and SW.; begin abrupt ascent of 80 ft. over SE. slope, through scattering timber.
70.40	Spur, slopes NE. about 3.00 chs. dist.; steep descent of 15 ft.
75.10	Draw, drains NE.; asc. precipitous SE. slope 125 ft. to
79.94	The cor. of secs. 25, 26, 35 and 36.
	Land, gently rolling and rolling top of reef, E. 65.50 chs.; steep mountains with outcroppings and ledges of shale and sandstone formation, W. 14.44 chs.; general drainage SE. and SW. into Bryson Wash.
	Soil, red sandy loam, about 2 or 3 ft. deep, lying on a light colored or brown clay subsoil or on shale, on top of reef; shallow red sand or clay, lying on bedrock on the mountainous portion; 1st. to 4th. rate.
	Timber, cedar and pinon pine; a few cedar scattered along W. bank of Bryson Wash.
	Undergrowth, sagebrush, yellow top and shadscale.
	Fair growth of grass.
	N. 0° 01' W., bet. secs. 25 and 26.
	Over rough mountainous land, through a scattering growth of timber and undergrowth of sagebrush, yellow top and shadscale; asc. SE. slope 15 ft.
0.80	Spur, projects NE. approximately 10.00 chs. dist.; desc. abruptly 200 ft.
1.60	Enter a medium dense growth of timber, bears E. and W.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 11.70 Ravine, drains N.60°E.; abrupt ascent of 75 ft.
- 16.20 Spur, projects N.70°E. about 10.00 chs. dist.; precipitous descent of 70 ft.
- 22.00 Ravine, drains N.70°E.; steep ascent of 60 ft.
- 26.20 Spur, projects N.70°E. approximately 10.00 chs. dist.; desc. 85 ft.
- 34.40 Leave timber, bears E. and W.
- 34.60 Leave yellow top and shadscale, and enter a dense growth of sagebrush, bears E. and W., at the base of descent, bearing E. and W.; over nearly level bottom of a fork of Bryson Canyon.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 26 \quad | \quad \text{S } 25 \\ | \\ 1925 \end{array}$$
- from which,
- A cedar, 7 ins. diam., bears N.7°30'E., 345 lks. dist., marked $\frac{1}{4}$ S 25 B T.
- A cedar, 10 ins. diam., bears N.3°30'W., 422 lks. dist., marked $\frac{1}{4}$ S 26 B T.
- 43.50 Dry wash, 50 lks. wide, 5 ft. deep, drains SE.
- 45.00 Enter a medium dense growth of timber, bears NW. and SE.; sagebrush becomes scattering, bearing NW. and SE.; enter a sparse growth of yellow top and shadscale.
- 45.20 Leave bottom of canyon, bears NW. and SE.; begin precipitous ascent of 415 ft., over general SW. slope.
- 60.00 Leave medium dense growth of timber and enter scattering, bears NW. and SE.
- 73.70 Spur, projects SE. approximately 12.00 chs. dist., thence S.20°E.; asc. 25 ft. to sec. cor., across the head of draw, draining E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for cor. of secs. 23, 24, 25 and 26, with brass cap marked:

Subdivision of T. 17 S., R. 24 E.

Chains.

TL7S	R24E
S23	S24
S26	S25
1925	

from which,

A cedar, 6 ins. diam., bears N.62°30'E., 58

lks. dist., marked T 17. S R 24 E S 24 B T.

At the base of the monument, I deposit a sandstone,

8x5x2 ins., marked with a cross (X), as all other trees within a reasonable distance are too scrubby for marking.

Land, steep and mountainous with large boulders, outcroppings, and broken and perpendicular ledges of sandstone formation; general drainage SE.

Soil, shallow red sand or clay, lying on bedrock, on rough portions of mile; red sandy loam, several ft. deep, in the bottom of the fork of Bryson Canyon; 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top and shadscale.

Poor to fair grazing land.

N.89°57'E., on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 19, 24, 25 and 30, heretofore described in the finished field notes of the survey of the W. bdy. of T. 17 S., R. 25 E., in this group.

Thence,

S.89°58'W., on a true line bet. secs. 24 and 25.

Over rough mountainous land, through scattering undergrowth; desc. NW. slope 15 ft.

3.20 Draw, drains SW.; asc. 15 ft.

5.30 Spur, projects SW. about 6.00 chs. dist.; desc. 25 ft.

10.30 Dry wash, 75 lks. wide, 10 ft. deep, in the bottom of San Arroyo Canyon, drains S.; precipitous ascent of 335 ft., over NE. slope, through scattering timber.

Subdivision of T. 17 S., R. 24 E.

Chains.

27.80 Spur, projects SE. approximately 12.00 chs. dist.; desc. abruptly 65 ft.

30.90 Draw, drains SE.; asc. steep E. slope 250 ft. to $\frac{1}{4}$ sec. cor.

33.80 Perpendicular ledge, 105 ft. high, bears N. and S.

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 24 \\ \frac{1}{4} \\ \hline S\ 25 \\ 1925 \end{array}$$

At the base of the monument, I deposit a sandstone, 9x6x2 ins., marked with a cross (X).

41.30 Ridge, 35 ft. above $\frac{1}{4}$ sec. cor.; bears N. and S. about 50.00 chs. dist.; precipitous descent of 370 ft., over general W. slope.

45.00 Leave timber.

47.50 Enter scattering timber.

49.00 Perpendicular ledge, 15 ft. high, bears N. and S.

61.30 Dry wash, 100 lks. wide, 7 ft. deep, in the bottom of Bryson Canyon, drains S.; asc. abruptly 310 ft. to sec. cor., along S. slope of spur.

72.60 Top of nearly perpendicular ledge, 10 ft. high, bears NE. and SW.

79.96 The cor. of secs. 23, 24, 25 and 26.

Land, steep and mountainous, with large sandstone boulders, outcroppings, and broken and perpendicular ledges; drainage SW. and SE. into San Arroyo Canyon, E. 41.30 chs.; W. 38.66 chs. drain E. and W. into Bryson Canyon.

Soil, shallow red sand or clay, lying on bedrock, on tops and slopes; sandy loam, several ft. deep, in the bottoms of Bryson and San Arroyo Canyons; 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top and shadscale.

Poor to fair growth of grass.

Subdivision of T. 17 S., R. 24 E.

Chains.

N.0°01'W., bet. secs. 23 and 24.

Asc. abrupt rough S. slope 15 ft., through a scattering growth of timber and undergrowth.

1.10 Spur, projects E. approximately 17.00 chs. dist.; desc. 110 ft.

10.50 Draw, drains E.; asc. abruptly 65 ft.

16.30 Spur, projects E. about 15.00 chs. dist.; desc. 50 ft.

19.70 Draw, drains E.; asc. 70 ft.

22.90 Spur, projects E. approximately 12.00 chs. dist.; desc. 40 ft.

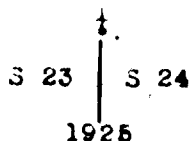
25.10 Draw, drains E.; asc. 20 ft.

27.90 Spur, projects E. about 10.00 chs. dist.; desc. 125 ft.

32.80 Draw, drains E.; asc. 45 ft.

37.70 Spur, projects E. approximately 10.00 chs. dist.; desc. steep N. slope 40 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, and in a mound of stone, 7 ft. base, 2 ft. high, for a sec. cor., with brass cap marked:



from which,

A pinon pine, 9 ins. diam., bears S.57°E., 28 lks. dist., marked S 24 B T.

A pinon pine, 5 ins. diam., bears S.64°W., 16 lks. dist., marked S 23 B T.

43.30 Draw, 80 ft. below a sec. cor., drains E.; asc. 15 ft.

48.80 Spur, projects E. about 3.00 chs. dist.; desc. general NE. slope 70 ft.

57.40 Dry wash, 40 lks. wide, 4 ft. deep, in the bottom of Bryson Canyon, drains southeasterly; asc. abrupt SW. slope 110 ft.

66.60 Perpendicular ledge or rim, 10 ft. high, bears northwest-erly and southeasterly; asc. gradual S. slope 35 ft.

76.80 Spur, projects W. about 2.00 chs. dist.; desc. gradually 15 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 77.40 Perpendicular ledge or rim, 15 ft. high, bears NE. and SW.; begin abrupt descent of 45 ft.
- 79.60 Ravine, drains SW.; asc. steep SE. slope 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 13, 14, 23 and 24, with brass cap marked:

T17S	R24E
S14	S13
S23	S24
1925	

from which,

- A cedar, 9 ins. diam., bears N.47°48'E., 116 lks. dist., marked T 17 S R 24 E S 13 P T.
- A cedar, 6 ins. diam., bears S.26°45'E., 151 lks. dist., marked T 17 S R 24 E S 24 P T.
- A cedar limb, 10 ins. diam., bears S.15°45'W., 51 lks. dist., marked T 17 S R 24 E S 23 P T.
- A cedar, 10 ins. diam., bears N.11°30'W., 125 lks. dist., marked T 17 S R 24 E S 14 P T.
- Land, steep and mountainous, with large sandstone boulders, outcroppings, and broken and perpendicular ledges; drainage E., W. and SE. into Bryson Canyon, thence SE. Soil, shallow red sand or clay, lying on bedrock on tops and slopes; sandy loam, several ft. deep, in the bottom of Bryson Canyon; 1st. to 4th. rate.
- Timber, varies from a scattering to a medium dense growth of cedar and piñon pine.
- Undergrowth, sagebrush, yellow top and shadscale; dense growth of tall sagebrush in the bottom of Bryson Canyon.
- Poor to a fair growth of grass.

N.89°58'E., on a random line bet. secs. 13 and 24.

- 40.00 Set temp. & sec. cor.
- 80.16 Intersect the E. bdy. of the Tp., 1½ lks. N. of the cor. of secs. 13, 18, 19 and 24, heretofore described in

Subdivision of T. 17 S., R. 24 E.

Chains.

the finished field notes of the survey of the W. 1/4 of T. 17 S., R. 25 E., in this group.

Thence,

N. 89° 57' W., on a true line bet. secs. 13 and 24.

Over rough mountainous land, through a scattering growth and undergrowth; desc. gradual NW. slope 15 ft.

4.30 Dry wash, 70 lks. wide, 4 ft. deep, in the bottom of San Arroyo Canyon, drains SW.; precipitous ascent of 415 ft., over NE. slope.

9.70 Perpendicular ledge, 65 ft. high, bears NE. and SW.

17.10 Spur, projects SE. about 15.00 chs. dist.; desc. abruptly 240 ft.

26.70 Ravine, drains SE.; steep ascent of 180 ft.

35.30 Spur, projects SE. approximately 10.00 chs. dist.; desc. 65 ft. along SW. slope to

40.08 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for 1/4 sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 13 \\ \frac{1}{4} \\ \hline S\ 24 \\ 1925' \end{array}$$

All trees within a reasonable distance are too scrubby for marking; therefore, at the base of the monument, I deposit a sandstone, 10x6x2 ins., marked with a cross (X).

47.70 Ravine, 25 ft. below 1/4 sec. cor., drains SE.; precipitous ascent of 435 ft.

57.40 Ridge, bears N. 10° W. and S. 10° E.; desc. abruptly 195 ft.

66.10 Draw, drains S. 10° W.; asc. SE. slope 50 ft.

70.80 Spur from NE., projects S. 10° W. about 20.00 chs. dist.; desc. steep NW. slope 265 ft.

79.80 Ravine, drains SW.; asc. SE. slope 10 ft. to

80.16 The cor. of secs. 13, 14, 23 and 24.

Land, steep and rugged, with large sandstone boulders, outcroppings, and series of broken, sloping and per-

Subdivision of T. 17 S., R. 24 E.

Chains.

pendicular ledges; drainage NW. and SW. into San Arroyo Canyon, E. 57.40 chs.; W. 22.76 chs. drain SW. into Bryson Canyon.

Soil, shallow red sand or clay, lying on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of San Arroyo Canyon; 1st. rate.

Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, sagebrush, yellow top and shadscale; dense growth of sagebrush and greasewood in the bottom of San Arroyo Canyon.

Good growth of grass on portions of mile.

N.0°01'W., bet. secs. 13 and 14.

Asc. abrupt SE. slope 450 ft., over large boulders, outcroppings and series of broken and perpendicular ledges, 10 to 20 ft. high, bearing NE. and SW., through a scattering growth of timber and undergrowth.

11.60 Perpendicular ledge, 15 ft. high, bears NW. and SE. about 1.00 chs. dist., thence northeasterly.

18.00 Leave boulders, outcroppings and ledges, bear NE. and SW.

18.60 Spur, projects S.60°W. approximately 20.00 chs. dist.; enter a medium dense growth of timber, bears N.60°E. and S.60°W.; desc. abruptly 160 ft.

24.70 Draw, drains W.; asc. 25 ft.

30.50 Spur, projects W. about 10.00 chs. dist.; steep descent of 200 ft.

37.00 Ravine, drains W.; abrupt ascent of 90 ft., over S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 |
 S 14 S 13
 1925

Chains.

from which,

A cedar limb, 6 ins. diam., bears N.88°E., 78 lks. dist., marked $\frac{1}{4}$ S 13 B T.

A cedar limb, 6 ins. diam., bears S.33°W., 43 lks. dist., marked $\frac{1}{4}$ S 14 B T.

41.50 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects W. approximately 10.00 chs. dist.; desc. abruptly 85 ft.

46.80 Ravine, drains W.; precipitous ascent of 675 ft., over rugged general S. slope.

66.90 Base of a series of ledges, 30 ft. high, bears E. and W.

68.60 Top of the series of ledges, bears E. and W.

69.70 Spur from E., projects S.70°W. about 20.00 chs. dist.; abrupt descent of 95 ft., over NW. slope.

79.00 Head of ravine, drains W.; precipitous ascent of 15 ft., over SW. slope to.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked:

T17S	R24E
S11	S12
S14	S13
1925	

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor., as there are no trees within limits suitable for marking.

Land, abrupt and mountainous; rugged with large sandstone boulders, outcroppings and series of broken, sloping and perpendicular ledges; drainage W. and SW. into Bryson Canyon.

Soil, shallow red sand or clay, lying on bedrock; 3rd. and 4th. rate.

Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, sagebrush, yellow top, shadscale and buck brush.

Good growth of grass on N. slopes; poor to fair grazing on S. slopes.

Subdivision of T. 17 S., R. 24 E.

- Chains. S. 89° 57' E., on a random line bet. secs. 12 and 13.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.18 Intersect the E. bdy. of the Tp., 7 lks. S. of the true point for cor. of secs. 7, 12, 13 and 18, or 2.55 chs. N. of the witness cor. of secs. 7, 12, 13 and 18, heretofore described in the finished field notes of the survey of the W. bdy. of T. 17 S., R. 25 E., this group. Thence, from the true cor. point, West, on a true line bet. secs. 12 and 13. Asc. abrupt rough NE. slope 135 ft., through a scattering growth of timber and undergrowth.
- 2.80 Top of nearly perpendicular ledge, 20 ft. high, bears NW. and SE.
- 4.20 Spur, projects SE.; enter medium dense tall undergrowth, bears NW. and SE.; precipitous descent of 100 ft.
- 5.10 Top of nearly perpendicular ledge, 30 ft. high, bears NW. and SE.
- 7.10 Ravine, drains SE.; asc. general NE. slope 505 ft., over draws and low spurs, putting NE.
- 8.30 Top of nearly perpendicular ledge, 30 ft. high, bears NW. and SE.
- 36.90 Spur, projects NE. about 12.00 chs. dist.; desc. NW. slope 50 ft. to
- 40.09 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 12 \\ \frac{1}{4} \hline S\ 13 \\ 1925 \end{array}$$
- from which,
- A cedar, 7 ins. diam., bears N. 31° E., 85 lks. dist., marked $\frac{1}{4}$ S 12 B T.
- A pinon pine, 10 ins. diam., bears S. 36° W., 50 lks. dist., marked $\frac{1}{4}$ S 13 B T.
- 47.30 Draw, 75 ft. below $\frac{1}{4}$ sec. cor., drains NE.; abrupt ascent of 220 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 61.10 Spur, projects NE. approximately 20.00 chs. dist.; enter a medium dense growth of timber, bears NE. and SW.; desc. 20 ft.
- 62.40 Draw, drains NE.; asc. abrupt NE. slope 315 ft.
- 70.20 Leave medium dense undergrowth and enter scattering, bears NW. and SE.
- 71.10 Perpendicular ledge, 20 ft. high, bears NW. and SE.
- 71.80 Ridge, bears NW. and SE.; precipitous descent of 350 ft., over SW. slope to sec. cor.
- 72.40 Leave medium dense growth of timber and enter scattering bears N. and S.
- 74.40 Top of nearly perpendicular ledge, 20 ft. high, bears N. and S.
- 77.60 Top of nearly perpendicular ledge, 30 ft. high, bears N. and S.
- 80.18 The cor. of secs. 11, 12, 13 and 14.

Land, steep and mountainous; rough with large sandstone boulders, outcroppings, and broken and nearly perpendicular ledges; general drainage SE. into San Arroyo Canyon, E. 71.80 chs.; W. 8.38 chs. drain S. 70° W. into Bryson Canyon.

Soil, shallow red sand or clay, lying on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of San Arroyo Canyon; 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, shadscale and yellow top.

Excellent growth of grass on greater portion of E. 71.10 chs.; poor grazing land, W. 9.08 chs.

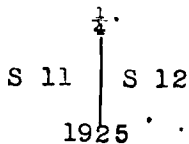
N. 0° 01' W. bet. secs. 11 and 12.

Over rugged mountainous land, through a scattering growth of timber and undergrowth; asc. abruptly 275 ft., along SW. slope, over series of broken and nearly perpendicular ledges, 5 to 40 ft. high, bearing NW. and SE.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 10.10 Ridge, bears NW. and SE.; enter a medium dense growth of timber, bears NW. and SE.; precipitous descent of 580 ft., through medium dense undergrowth.
- 38.50 Ravine, drains SE.; asc. abrupt SW. slope 85 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor.; with brass cap marked:

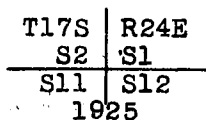


from which,

A cedar, 20 ins. diam., bears S.87°E., 20 lks. dist., marked $\frac{1}{4}$ S 12 B T.

A pinon pine, 8 ins. diam., bears N.21°W., 29 lks. dist., marked $\frac{1}{4}$ S 11 B T.

- 46.00 Perpendicular ledge, 20 ft. high, bears E. and W.
- 49.40 Spur, 260 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximately 25.00 chs. dist.; steep descent of 90 ft.
- 57.20 Ravine, drains SE.; asc. precipitous general SW. slope 395 ft.
- 59.80 Perpendicular ledge, 40 ft. high, bears N.60°E. and S.60°W.
- 62.10 Perpendicular ledge, 35 ft. high, bears N.60°E. and S.60°W.
- 64.70 Perpendicular ledge, 40 ft. high, bears N.60°E. and S.60°W.; leave ledges.
- 65.80 Spur from W., projects southeasterly; desc. abrupt general NW. slope 455 ft. to sec. cor.
- 66.40 Enter dense undergrowth, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked:



Subdivision of T. 17 S., R. 24 E.

Chains.

from which,

A pinon pine, 7 ins. diam., bears N.55°30'E., 14

lks. dist., marked T 17 S R 24 E S 1 B T.

A pinon pine, 12 ins. diam., bears S.27°E., 16

lks. dist., marked T 17 S R 24 E S 12 B T.

A pinon pine, 16 ins. diam., bears S.20°30'W., 40

lks. dist., marked T 17 S R 24 E S 11 B T.

A cedar, 7 ins. diam., bears N.26°30'W., 73

lks. dist., marked T 17 S R 24 E S 2 B T.

Land, steep and rugged mountains; sandstone formation;

drainage SW. into Bryson Canyon, S. 10.10 chs.;

general drainage SE. into San Arroyo Canyon, N. 69.90
chs.

Soil, shallow red sand or clay, lying on bedrock; 3rd.
and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain
rush, shadscale and yellow top.

Poor grazing on SW. slopes; good growth of grass on NE.
and NW. slopes.

East, on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect the E. bdy. of the Tp., 2 lks. S. of the cor.
of secs. 1, 6, 7 and 12, heretofore described in the
finished field notes of the survey of the W. bdy. of
T. 17 S., R. 25 E., in this group.

Thence,

S.89°59'W., on a true line bet. secs. 1 and 12.

Over rough mountainous land, through a medium dense
growth of timber and scattering undergrowth of shad-
scale, yellow top and sagebrush; desc. abrupt SW.
slope 50 ft.

2.90 Ravine, drains SE.; precipitous ascent of 465 ft.

3.10 Enter a scattering growth of buck brush, service berry
bushes and mountain rush.

Subdivision of T. 17 S., R. 24 E.

Chains.

17.40 Ridge, bears N. about 18.00 chs. dist. to a rugged peak and S. approximately 3.00 chs. dist., thence southeasterly; desc. abruptly 465 ft.

30.40 Ravine, drains SW.; steep ascent of 100 ft.

35.30 Spur, projects SW. about 10.00 chs. dist.; desc. abrupt NW. slope 135 ft. to $\frac{1}{4}$ sec. cor.

39.40 Perpendicular ledge, 85 ft. high, bears NW. and SE.; a vein of coal, 4 ft. in thickness, is exposed in this ledge.

40.06 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 1 \\ \hline \frac{1}{4} \\ S\ 12 \\ 1925 \end{array}$$

from which,

A cedar, 12 ins. diam., bears S. 28° W., 148

lks. dist., marked $\frac{1}{4}$ S 12 B T.

There are no other trees available suitable for marking; therefore, I raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

42.90 Dry wash, 40 lks. wide, 4 ft. deep, in the bottom of a fork of San Arroyo Canyon, 60 ft. below $\frac{1}{4}$ sec. cor., drains SE.; precipitous ascent of 370 ft., over NE. slope.

57.50 Leave medium dense and enter a heavy growth of timber, bears NW. and SE.

57.70 Spur, projects N. 10° W. about 2.00 chs. dist., thence NE. approximately 10.00 chs. dist.; enter medium dense undergrowth of buck brush and service berry bushes, bears N. and S.; desc. 25 ft.

62.40 Draw, drains NE.; asc. 30 ft.

70.00 Spur, projects NE. about 20.00 chs. dist.; desc. NW. slope 45 ft. to

80.12 The cor. of secs. 1, 2, 11 and 12.

Land, steep and mountainous; rough with large sandstone boulders, outcroppings, and broken and perpendicular

Subdivision of T. 17 S., R. 24 E.

Chains.

ledges; general drainage SE. into San Arroyo Canyon.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, shadscale, sagebrush and yellow top.

Excellent growth of grass on portions of mile.

N. 0° 01' W., on a true line bet. secs. 1 and 2.

Over rugged mountainous land, through a scattering growth of timber and medium dense undergrowth; desc. steep NW. slope 15 ft.

0.40 Draw, drains NE.; asc. 35 ft.

6.30 Spur, projects NE. approximately 8.00 chs. dist.; desc. abruptly 140 ft.

9.60 Draw, drains NE.; abrupt ascent of 40 ft.

19.10 Spur, projects NE. about 6.00 chs. dist.; desc. abruptly 140 ft.

20.70 Draw, drains NE.; steep ascent of 40 ft.

23.00 Spur, projects NE. approximately 4.00 chs. dist.; desc. abruptly 70 ft.

29.60 Fork of San Arroyo Canyon, drains SE.; precipitous ascent of 375 ft., over SW. slope to $\frac{1}{4}$ sec. cor.

39.10 Top of broken and nearly perpendicular ledge, 60 ft. high, bears SE. and NW. about 50 lks. dist., thence N. 10° E.

40.00 On top of abrupt ascent, bearing NE. and SE., set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 2 | S 1
 1925

from which,

A pinon pine, 12 ins. diam., bears S. 28° E., 17 lks. dist., marked $\frac{1}{4}$ S 1 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

- A pinon pine, 12 ins. diam., bears N.31°W., 31 lks. dist., marked $\frac{1}{4}$ S 2 B T.
- From this $\frac{1}{4}$ sec. cor., desc. 45 ft. along NW. slope.
- 42.50 Top of the same broken and nearly perpendicular ledge as noted at 39.10 chs., 60 ft. high, bears N.10°E. and S.10°W.
- 58.90 Fork of San Arroyo Canyon, from N.20°E., drains SW.; asc. abrupt SE. slope 330 ft.
- 60.00 Enter a heavy growth of timber, bears NE. and SW.
- 80.60 Spur, slopes NE. approximately 4.00 chs. dist.; desc. abruptly 45 ft., over general E. slope to
- 83.64 Intersect the S. bdy. of sec. 36, T. 16 S., R. 24 E., east 32.67 chs. dist. from the original cor. of secs. 1, 2, 35 and 36, Tps. 16 and 17 S., R. 24 E., which is an iron post, 2 ins. in diam., extending 16 ins. above ground, firmly set in a mound of stone, 4 ft. base, 1 ft. high, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of the survey of the S. bdy. of T. 16 S., R. 24 E., Group No. 87. At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for closing cor. of secs. 1 and 2, T. 17 S., R. 24 E., with brass cap marked:

T16SR24E

S36

S2	S1
T17S	R24E

CC

1925

from which,

A pinon pine, 12 ins. diam., bears S.16°30'E., 30 lks. dist., marked T 17 S R 24 E S 1 C C B T.

A pinon pine, 7 ins. diam., bears S.78°15'W., 32 lks. dist., marked T 17 S R 24 E S. 2 C C B T.

The original cor. of secs. 1, 2, 35 and 36, Tps. 16 and 17 S., R. 24 E. now refers to secs. 35 and 36, only,

Subdivision of T. 17 S., R. 24 E.

Chains.

T. 16 S., R. 24 E.; therefore, I deface the markings pertaining to secs. 1 and 2, T. 17 S., R. 24 E., on the post and S. bearing trees.

Land, mountainous; steep and rugged with large sandstone boulders, outcroppings and series of broken, sloping and perpendicular ledges, 10 to 60 ft. high; general drainage SE. into San Arroyo Canyon.

Soil, shallow red sand and dark sandy loam, lying on bedrock; 2nd. to 4th. rate.

Timber, scattering to a heavy growth of cedar and pinon pine; scattering balsam, N. $\frac{1}{2}$ mile.

Undergrowth, scattering to a medium dense growth of service berry bushes, oak and buck brush, shadscale and yellow top.

Good growth of grass on portions of mile.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., heretofore described in the finished field notes of the survey of the N. bdy. of T. 18 S., R. 24 E., in this group,

N. $0^{\circ}01'W.$, bet. secs. 34 and 35.

Over rolling land, through a sparse growth of cedar timber and medium dense short undergrowth of shadscale and salt brush; asc. gradual SW. slope 30 ft.

8.00 Leave timber.

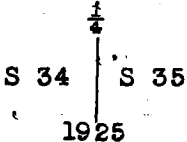
10.50 Leave rolling land, bears NW. and SE.; leave undergrowth, bears NW. and SE.; begin precipitous ascent of 275 ft. over SW. slope of reef.

18.90 Perpendicular ledge or rim of reef, 65 ft. high, bears SE. about 7.00 chs. dist., thence northeasterly and and NW. about 1.50 chs. dist., thence northerly; desc. gradually 65 ft. to $\frac{1}{4}$ sec. cor., over gently rolling top.

19.50 Enter a heavy growth of cedar and pinon pine timber, bears NW. and SE.

Subdivision of T. 17 S., R. 24 E.

Station.

- 25.00 Enter a scattering growth of sagebrush.
- 35.70 Leave timber, bears NW. and SE.
- 36.00 Enter a dense growth of sagebrush, bears NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$

 S 34 | S 35
 1925
- from which,
- A cedar, 24 ins. diam., bears N.11°15'E., 376 lks. dist., marked $\frac{1}{4}$ S 35 B T.
- A cedar, 10 ins. diam., bears N.49°45'W., 248 lks. dist., marked $\frac{1}{4}$ S 34 B T.
- 45.90 Swale, 20 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc. gradual rolling top 45 ft., over small draws and low spurs, putting SE.
- 47.50 Leave dense growth of sagebrush, bears NW. and SE., and enter scattering sagebrush, shadscale and yellow top.
- 48.00 Enter a scattering growth of cedar and pinon pine timber.
- 65.00 Dry wash, 30 lks. wide, 3 ft. deep, drains easterly.
- 70.90 Leave rolling top of reef, bears NW. and SE.; begin abrupt ascent of 285 ft., over SW. slope.
- 76.90 Top of nearly perpendicular ledge, 25 ft. high, bears N.70°W. and S.70°E.
- 79.20 Top of nearly perpendicular ledge, 35 ft. high, bears N.70°W. and S.70°E.
- 79.40 Spur, projects S.70°E. approximately 6.00 chs. dist.; desc. gradual NE. slope 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for cor. of secs. 26, 27, 34 and 35, with brass cap marked:

T17S	R24E
S27	S26
S34	S35
1925	

Subdivision of T. 17 S., R. 24 E.

Chains.

from which,

A pinon pine limb, 6 ins. diam., bears N.17°E., 4
lks. dist., marked T 17 S R 24 E S 26 B T.

A pinon pine, 10 ins. diam., bears S.79°E., 68
lks. dist., marked T 17 S R 24 E S 35 B T.

A cedar limb, 5 ins. diam., bears S.51°45'W., 88
lks. dist., marked T 17 S R 24 E S 34 B T.

A pinon pine limb, 7 ins. diam., bears N.28°30'W.,
127 lks. dist., marked T 17 S R 24 E S 27 B T.

Land, rolling, draining SW., S. 10.50 chs.; steep and
rough mountains, draining SE., N. .9.10 chs.; abrupt
SW. slope of reef, draining SW. and gently rolling and
rolling top of reef, draining SE., remainder of mile;
sandstone and shale exposed in the form of rims and
perpendicular ledges,

Soil, red sand, sandy loam or clay, varying in depth
from a few ins. to about 2 ft., lying on shale, light
sandy chalky formation or on bedrock; 2nd. to 4th.
rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, salt brush and yellow
top.

Poor to fair growth of grass on top of reef; poor graz-
ing land, remainder of mile.

N.89°53'E., on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
25, 26, 35 and 36.

Thence,

S.89°51'W., on a true line bet. secs. 26 and 35.

Asc. abrupt. rough SE. slope 40 ft., through a scattering
growth of timber and undergrowth.

0.80 Spur, projects NE.; asc. 45 ft. across the head of draw,
draining NE.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 7.70 Spur, projects SE.; precipitous descent of 260 ft., over general SW. slope.
- 10.60 Enter a medium dense growth of timber, bears N. and S.
- 25.10 Draw, drains SW.; asc. 20 ft.
- 27.40 Spur, projects SW. about 6.00 chs. dist.; steep descent of 80 ft., over NW. slope.
- 31.20 Gulch, drains S.; asc. 110 ft. over NE. slope to
- 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 10 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 26 \\ \frac{1}{4} \\ \hline S\ 35 \\ 1925 \end{array}$$
- from which,
- A pinon pine, 12 ins. diam., bears N. $84^{\circ}30'E.$, 52 lks. dist., marked $\frac{1}{4}$ S 26 B T.
- A pinon pine, 8 ins. diam., bears S. $35^{\circ}45'E.$, 68 lks. dist., marked $\frac{1}{4}$ S 35 B T.
- 42.60 Base of steep ascent, 35 ft. above $\frac{3}{4}$ sec. cor., bears NW. and SE.; leave medium dense growth of timber and enter scattering, bears NW. and SE.
- 50.90 Spur, 240 ft. above base of abrupt ascent, projects S. $15^{\circ}E.$ approximately 20.00 chs. dist.; steep descent of 290 ft., over general SW. slope.
- 57.20 Top of a series of broken and perpendicular ledges, 10 to 25 ft. high, bears N. and S.
- 61.20 Base of the series of ledges, bears NE. and SW.
- 61.90 Draw, drains SW.; asc. 25 ft.
- 63.60 Spur, slopes SW. about 4.00 chs. dist.; desc. precipitous NW. slope 200 ft.
- 67.00 Perpendicular ledge, 80 ft. high, bears N. $15^{\circ}W.$ and S. $15^{\circ}E.$
- 70.20 Dry wash, 50 lks. wide, 4 ft. deep, in the bottom of gulch, drains S.; asc. steep NE. slope 285 ft. to sec. cor.
- 74.40 Top of broken and sloping ledge, 50 ft. high, bears N. and S.

Chains.

80.06. The cor. of secs. 26, 27, 34 and 35.

Land, steep and mountainous; entire mile rugged with large boulders, outcroppings and numerous broken, sloping and perpendicular ledges of sandstone formation; E. 7.70 chs. drain generally SE. into Bryson Wash; general drainage S. into Westwater Creek, W. 72.36 chs.

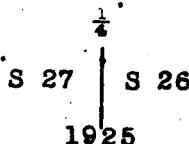
Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top and mountain rush. Scattering to a dense growth of grass.

N. 0° 01' W., bet. secs. 26 and 27.

- Desc., steep rough NE. slope 110 ft., through a scattering growth of timber and undergrowth.
- 4.40. Draw, drains E.; asc. 25 ft.
- 6.60 Spur, slopes E. approximately 2.00 chs. dist.; desc. 70 ft.
- 12.90 Draw, drains E.; asc. 80 ft.
- 14.90 Eastern extremity of a perpendicular ledge, 45 ft. high, bears NW. and SW., on top of spur, sloping E. about 2.00 chs. dist.; desc. 70 ft.
- 19.40 Gulch, drains SE.; asc. abruptly 250 ft.
- 22.10 Top of broken and nearly perpendicular ledge, 65 ft. high, bears NW. and SE.
- 33.50 Spur, projects W. approximately 6.00 chs. dist.; desc. 30 ft.
- 36.50 Draw, drains W.; asc. steep S. slope 130 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 10 ins. diam., bears S.78°E., 41
lks. dist., marked $\frac{1}{4}$ S.26 B.T.

A cedar limb, 10 ins. diam., bears N.51°W., 31
lks. dist., marked $\frac{1}{4}$ S.27 B.T.

41.10 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects S.60°W. about
8.00 chs. dist.; desc. abruptly 65 ft.

44.70 Draw, drains S.60°W.; precipitous ascent of 435 ft.

55.60 Spur, projects SW. approximately 15.00 chs. dist.;
continue abrupt ascent of 55 ft., across the head of
draw, draining SW.

56.90 Spur, projects SE.; steep descent of 200 ft.

68.30 Draw, drains NE.; asc. 15 ft.

72.60 Spur, projects NE. about 20.00 chs. dist.; desc. 155 ft.

74.20 Draw, drains NE.; asc. 15 ft.

75.30 Spur, projects NE.; desc. 85 ft.

79.40 Draw, drains NE.; asc. 20 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 22, 23, 26 and 27,
with brass cap marked:

T17S	R24E
S22	S23
S27	S26
1925	

from which,

A pinon pine, 7 ins. diam., bears N.48°30'E., 79
lks. dist., marked T 17 S R 24 E S 23 B T.

A pinon pine, 14 ins. diam., bears S.65°45'E., 10
lks. dist., marked T 17 S R 24 E S 26 B T.

A pinon pine, 14 ins. diam., bears S.9°15'W., 79
lks. dist., marked T.17 S R 24 E S 27 B T.

A cedar, 12 ins. diam., bears N.15°15'W., 64
lks. dist., marked T 17 S R 24 E S 22 B T.

Land, steep and mountainous; rugged with large boulders,
outcroppings and broken, sloping and perpendicular
ledges of sandstone formation, S. 56.90 chs.; general
drainage SE.

Subdivision of T. 17 S., R. 24 E.

Chains.	<p>Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.</p> <p>Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.</p> <p>Undergrowth, scattering shadscale, yellow top and mountain rush on entire mile; scattering to a medium dense growth of buck brush and service berry bushes, on N. 23.10 chs.</p> <p>Fair to good growth of grass on greater portion of mile.</p>
	N.89°51'E., on a random line bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 23, 24, 25 and 26.
	Thence,
	S.89°49'W., on a true line bet. secs. 23 and 26.
	Asc. abrupt rough general NE. slope 70 ft., through a scattering growth of timber and undergrowth.
2.10	Spur, projects S.20°E.; precipitous descent of 415 ft., over general W. slope.
9.20	Top of nearly perpendicular ledge, 15 ft. high, bears N. and S.
12.80	Draw, drains SW.; asc. 50 ft.
17.30	Top of the same nearly perpendicular ledge as noted at 9.20 chs., 10 ft. high, bears NE. and SW.
19.20	Spur, projects SW. about 4.00 chs. dist.; desc. steep NW. slope 125 ft.
20.80	Top of the same nearly perpendicular ledge as noted at 17.20 chs., 10 ft. high, bears NW. and SE.
26.80	Dry wash, 50 lks. wide, 4 ft. deep, in the bottom of a fork of Bryson Canyon, drains southeasterly; asc. NE. slope 205 ft. to $\frac{1}{4}$ sec. cor.
29.20	Enter a medium dense growth of timber, bears NW. and SE.
37.40	Leave medium dense growth of timber and enter scattering, bears NW. and SE.

Subdivision of T. 17 S., R. 24 E.

Chains.

39.93 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 23
 $\frac{1}{4}$ —————
S 26
1925

from which,

A cedar limb, 12 ins. diam., bears N.8°W., 40 lks. dist., marked $\frac{1}{4}$ S 23 B T.

A cedar limb, 7 ins. diam., bears S.60°30'E., 54 lks. dist., marked $\frac{1}{4}$ S 26 B T.

44.50 Spur, 130 ft. above $\frac{1}{4}$ sec. cor., projects S.60°E. approximately 15.00 chs. dist.; desc. abruptly 105 ft.

49.80 Draw, drains S.; asc. 20 ft.

52.00 Spur, projects S. about 6.00 chs. dist.; desc. along general SW. slope 110 ft.

70.20 Fork of Bryson Canyon, drains southeasterly; asc. 40 ft.

70.70 Enter a medium dense growth of timber, bears NW. and SE.

70.90 Enter medium dense undergrowth, bears NW. and SE.

73.70 Spur, slopes NE. about 1.50 chs. dist.; desc. 25 ft.

77.70 Draw, drains NE.; asc. abrupt SE. slope 45 ft. to

79.86 The cor. of secs. 22, 23, 26 and 27.

Land, abrupt and mountainous; rugged with large boulders, outcroppings and broken, sloping and perpendicular ledges of sandstone formation; drainage to the S. and SE. by Bryson Canyon and forks of Bryson Canyon.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock, on tops and slopes; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottoms of canyons; 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, shadscale, yellow top and mountain rush.

Scattering to an excellent growth of grass on greater portion of mile.

Subdivision of T. 17 S., R. 24 E.

Chains.

N.0°01'W., bet. secs. 22 and 23.

Over rough mountainous land, through a medium dense growth of timber and scattering undergrowth; asc. SE. slope 10 ft.

0.30 Spur, slopes NE. approximately 3.00 chs. dist.; desc. 45 ft.

2.80 Fork of Bryson Canyon, drains E.; asc. SW. slope 80 ft.

5.20 Spur, slopes SE. about 4.00 chs. dist.; desc. 20 ft.

8.30 Draw, drains SE.; asc. precipitous SW. slope 460 ft.

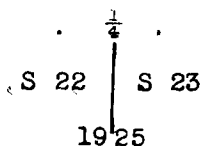
18.70 Spur from W., projects southeasterly; desc. abruptly 385 ft.

28.40 Draw, drains N.60°E.; asc. 20 ft.

32.70 Spur, projects NE. approximately 10.00 chs. dist.; desc. 190 ft.

37.00 Draw, drains NE.; asc. 25 ft. to

40.00 On top of spur, projecting NE. about 4.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A pinon pine, 18 ins. diam., bears S.57°15'E., 28 lks. dist., marked $\frac{1}{4}$ S 23 B T.

A pinon pine, 5 ins. diam., bears N.29°15'W., 56 lks. dist., marked $\frac{1}{4}$ S 22 B T.

42.70 Ravine, 40 ft. below $\frac{1}{4}$ sec. cor., drains E.; abrupt ascent of 130 ft.

48.20 Spur, projects S.70°E. approximately 8.00 chs. dist.; desc. 95 ft.

54.40 Fork of Bryson Canyon, drains SE.; precipitous ascent of 770 ft. to sec. cor., over SE. slope, or along W. side of draw, draining S.

61.60 Top of nearly perpendicular ledge, 30 ft. high, bears

Subdivision of T. 17 S., R. 24 E.

Chains.

westerly and northeasterly..

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs. 14, 15, 22 and 23, with brass cap marked:

T17S	R24E
S16	S14
S22	S23
1925	

from which,

A cedar, 8 ins. diam., bears N.2°E., 6

lks. dist., marked T 17 S R 24 E S 14 B T.

A pinon pine, 7 ins. diam., bears S.17°E., 83

lks. dist., marked T 17 S R 24 E S 23 B T.

A pinon pine, 12 ins. diam., bears S.23°W., 111

lks. dist., marked T 17 S R 24 E S 22 B T.

A pinon pine, 10 ins. diam., bears N.68°W., 106

lks. dist., marked T 17 S R 24 E S 15 B T.

Land, steep and mountainous, draining SE. by forks of Bryson Canyon; rough with large boulders, outcroppings and numerous broken and perpendicular ledges of sandstone formation.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, shadscale and yellow top.

Scattering to an excellent growth of grass.

N.89°49'E., on a random line bet. secs. 14 and 23.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

79.90

Intersect N. and S. line, 14 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence,

S.89°43'W., on a true line bet. secs. 14 and 23.

Over rough mountainous land, through a scattering growth of timber and undergrowth; asc. SE. slope 40 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.	
3.10	Spur, projects SW. approximately 8.00 chs. dist.; desc. gradually 15 ft.
12.90	Perpendicular ledge, 15 ft. high, bears northeasterly and southwesterly; begin abrupt descent of 110 ft., over NW. slope.
17.70	Bryson Canyon, drains S.; asc. steep general NE. slope 530 ft. to $\frac{1}{4}$ sec. cor., along N. side of draw, drains southeasterly.
35.00	Head of the draw, drains SE.
39.95	On a shelf of a broken and nearly perpendicular ledge, 25 ft. high, bearing N. and S., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: right;"> S 14 $\frac{1}{4}$ ————— S 23 1925 </div>
	and raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.
	Owing to the position of this cor. on this ledge, it is impracticable to determine bearings and distances to trees.
	Continue precipitous ascent of 195 ft., over general NE. slope, from this $\frac{1}{4}$ sec. cor.
43.90	Spur, projects S. 25° E.; desc. 15 ft.
46.60	Head of ravine, drains SW.; asc. 55 ft.
48.90	Enter a heavy growth of timber, bears NE. and SW.
57.90	Spur, projects S. approximately 40.00 chs. dist.; desc. 30 ft.
68.10	Draw, drains S.; asc. abrupt SE. slope 65 ft. to
79.90	The cor. of secs. 14, 15, 22 and 23.
	Land, steep and mountainous; rugged with large boulders, outcroppings and numerous broken and perpendicular ledges of sandstone formation; general drainage S. and SE. by Bryson Canyon and forks of Bryson Canyon.
	Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil, shale or on bedrock; 3rd. and 4th. rates

Subdivision of T. 17 S., R. 24 E.

Chains.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain
rush, shadscale and yellow top.Scattering to a fair growth of grass, on E. 43.90 chs.;
poor grazing land, remainder of mile.

N.0°01'W., bet. secs. 14 and 15.

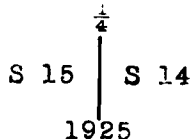
Also abrupt rugged SE. slope 200 ft., through a medium
dense growth of timber and scattering undergrowth.1.20 Top of broken ledge, 25 ft. high, bears NE. and SW.;
enter a heavy growth of timber, bears NE. and SW.

12.90 Spur, projects SW.; desc. 20 ft.

15.50 Head of draw, drains SW.; asc. 175 ft.

29.20 Spun, projects southeasterly; desc. 45 ft. along general
NE. slope.

35.80 Head of draw, drains E.; asc. 10 ft.

38.10 Spur, projects E. about 20.00 chs. dist.; desc. N. slope
15 ft. to40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
the ground to bedrock, and in a mound of stone, 5 ft.
base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:

from which,

A pinon pine, 8 ins. diam., bears N.87°45'E., 51
lks. dist., marked $\frac{1}{4}$ S 14 B T.A pinon pine, 18 ins. diam., bears S.64°15'W., 26
lks. dist., marked $\frac{1}{4}$ S 15 B T.49.30 Ravine, 45 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly;
asc. SE. slope 120 ft.

61.20 Top of broken ledge, 20 ft. high, bears NE. and SW.

61.80 Ridge, bears N.10°E. and SW.; desc. 15 ft.

63.30 Head of ravine, drains NW.; asc. 15 ft.

80.00 At the top of ascent, bearing NE. and SE., set an iron

Subdivision of T. 17-S., R. 24 E.

Chains.

post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs. 10, 11, 14 and 15 with brass cap marked:

T17S	R24E
S10	S11
S15	S14
1925	

from which,

A pinon pine, 5 ins. diam., bears N.5°15'E., 15 lks. dist., marked T 17 S R 24 E S 11 B T.

A pinon pine, 5 ins. diam., bears S.3°45'E., 89 lks. dist., marked T 17 S R 24 E S 14 B T.

A pinon pine, 16 ins. diam., bears S.37°30'W., 95 lks. dist., marked T 17 S R 24 E S 15 B T.

A cedar, 16 ins. diam., bears N.80°30'W., 73 lks. dist., marked T 17 S R 24 E S 10 B T.

Land, abrupt and mountainous with sandstone exposed in the form of surface rock, large boulders, outcroppings and broken ledges; general drainage SE. into Bryson Canyon, S. 61.80 chs.; N. 18.20 chs. drain westerly into East Canyon.

Soil, shallow red sand and sandy loam, lying on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush.

Fair to an excellent growth of grass.

N.89°43'E., on a random line bet. secs. 11 and 14.

40.00 Set temp. & sec. cor.

80.00 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence,

S.89°40'W., on a true line bet. secs. 11 and 14.

Desc. abrupt rugged general SW. slope 330 ft., through a scattering growth of timber and undergrowth.

Subdivision of T. 17 S., R. 24 E.

Chains.	
10.10	Ravine from S.80°E., drains S.75°W.; asc. 25 ft., along SE. slope.
19.00	Spur, projects SW. about 6.00 chs. dist.; desc. abruptly 145 ft., over NW. slope.
26.10	Bryson Canyon, drains S.; steep ascent of 200 ft.
32.20	Spur from NW., projects S.15°E. approximately 8.00 chs. dist.; desc. SW. slope 20 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\begin{array}{r} S\ 11 \\ \hline \frac{1}{4} \\ S\ 14 \\ 1925 \end{array}$ </div>
	from which,
	A cedar, 16 ins. diam., bears N.60°45'E., 97 lks. dist., marked $\frac{1}{4}$ S 11 B T.
	A cedar limb, 6 ins. diam., bears S.53°30'W., 53 lks. dist., marked $\frac{1}{4}$ S 14 B T.
43.00	Enter medium dense undergrowth, bears NW. and SE.
43.20	Ravine, 15 ft. below $\frac{1}{4}$ sec. cor., drains SE.; precipitous ascent of 445 ft., over general E. slope.
44.00	Enter a medium dense growth of timber, bears NW. and SE.
50.70	Top of broken and nearly perpendicular ledge, 30 ft. high, bears N. and S.
52.70	Top of broken and nearly perpendicular ledge, 20 ft. high, bears N. and S.
53.10	Top of broken and nearly perpendicular ledge, 15 ft. high, bears N. and S.
54.90	Spur, projects S. about 10.00 chs. dist., thence SE. approximately 60.00 chs. dist.; enter a heavy growth of timber, bears N. and S.; desc. 35 ft.
60.00	Ravine, drains S.; asc. 90 ft.
64.20	Spur, projects S. about 4.00 chs. dist.; desc. W. slope 20 ft.
67.30	Head of draw, drains SE.; asc. 145 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.
79.00 Ridge, bears N.10°E. and S.10°E.; desc. gradual W. slope 10 ft. to
80.00 The cor. of secs. 10, 11, 14 and 15.
Land, abrupt and mountainous with sandstone exposed in the form of outcroppings, large boulders, surface rock and numerous broken and perpendicular ledges; drainage SW. and SE. into Bryson Canyon, E. 79.00 chs. W. 1.00 ch. drains SW. into East Canyon.
Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.
Timber, cedar and pinon pine.
Undergrowth, oak and buck brush, service berry bushes, mountain rush, shadscale and yellow top.
Fair to a good growth of grass.

N.0°01'W., bet. secs. 10 and 11.

Desc. gradually 15 ft., along NW. slope, through a heavy growth of timber and medium dense undergrowth.

6.60 Head of draw, drains SW.; asc. SE. slope 80 ft.

16.10 Spur, projects SW. approximately 10.00 chs. dist., then forks westerly and southwesterly; desc. abruptly 235 ft., over general NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 10 | S 11
 1925

from which,

A pinon pine, 10 ins. diam., bears S.28°E., 22 lks. dist., marked $\frac{1}{4}$ S 11 B T.

A pinon pine limb, 6 ins. diam., bears S.28°W., 6 lks. dist., marked $\frac{1}{4}$ S 10 B T.

40.20 Head of ravine, 15 ft. below $\frac{1}{4}$ sec. cor., drains W.; asc. SW. slope 65 ft.

45.10 Spur, projects NW. about 10.00 chs. dist., thence westerly approximately 15.00 chs. dist.; abrupt descent of 100 ft.

Subdivision of T. 17 S., R. 24 E.

- Chains.
 54.60 Ravine, drains N. 70° W.; steep ascent of 230 ft., over general S. slope.
- 57.10 Top of broken and nearly perpendicular ledge, 15 ft. high, bears NW. and SE.
- 60.90 Top of broken and nearly perpendicular ledge, 20 ft. high, bears NW. and SE.
- 69.40 Spur, projects westerly approximately 30.00 chs. dist.; desc. NE. slope 70 ft.
- 77.10 Draw, drains NW.; asc. S. slope 20 ft.
- 79.20 Spur, projects W. about 5.00 chs. dist.; desc. N. slope 25 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked:

T17S	R24E
S3	S2
S10	S11
1925	

from which,

A cedar, 16 ins. diam., bears N. 6° 30' E., 8

lks. dist., marked T 17 S R 24 E S 2 B T.

A pinon pine, 10 ins. diam., bears S. 11° 45' E., 22

lks. dist., marked T 17 S R 24 E S 11 B T.

A pinon pine, 12 ins. diam., bears S. 69° W., 24

lks. dist., marked T 17 S R 24 E S 10 B T.

A cedar, 10 ins. diam., bears N. 45° 15' W., 87

lks. dist., marked T 17 S R 24 E S 3 B T.

Land, line runs along the abrupt and rough E. side of East Canyon; sandstone exposed in the form of outcroppings, large boulders, and broken and nearly perpendicular ledges; drainage generally W. into East Canyon, thence SW.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, varies from a medium dense to a heavy growth of cedar and pinon pine.

Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush.

Chains.

Excellent growth of grass on N. slopes; fair grazing on S. slopes.

N. $89^{\circ}40'E.$, on a random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.68 Intersect N. and S. line, at the cor. of secs. 1, 2, 11 and 12.

Thence,

S. $89^{\circ}40'W.$, on a true line bet. secs. 2 and 11.

Asc. abrupt general NE. slope 775 ft., over series of broken and nearly perpendicular ledges, 10 to 25 ft. high, bearing NE. and SW., through a medium dense growth of timber and undergrowth.

17.20 Leave series of ledges, bears N. $20^{\circ}W.$ and S. $20^{\circ}E.$, at the top of abrupt ascent, bearing N. $20^{\circ}W.$ and S. $20^{\circ}E.$; asc. more gradual E. slope 15 ft.

17.80 Enter a heavy growth of timber, bears N. $20^{\circ}W.$ and S. $20^{\circ}E.$.

19.20 Top of ascent, bears N. and S.; desc. 45 ft.

27.00 Draw, drains N.; asc. 50 ft. to $\frac{1}{4}$ sec. cor.

34.00 Ascent becomes gradual.

39.84 On top of ridge, bearing NE. and SW., set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 22 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 2
$\frac{1}{4}$
S 11
1925

from which,

A pinon pine, 6 ins. diam., bears N. $46^{\circ}30'E.$, 67 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A pinon pine, 4 ins. diam., bears S. $43^{\circ}E.$, 37 lks. dist., marked $\frac{1}{4}$ S 11 B T.

From this $\frac{1}{4}$ sec. cor., desc. gradually 15 ft., over NW. slope.

47.20 Leave heavy growth of timber and enter scattering, bears N. and S.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 47.40 Foot of gradual descent, bears NE. and SW.; begin more abrupt descent of 170 ft., over SW. slope, through dense undergrowth.
- 62.20 Ravine, drains NW.; asc. NE. slope 110 ft.
- 62.40 Leave dense and enter medium dense undergrowth, bears NW. and SE.
- 68.40 Enter a heavy growth of timber, bears NW. and SE.
- 69.30 Spur, projects northwesterly; steep descent of 185 ft., over general SW. slope to
- 79.68 The cor. of secs. 2, 3, 10 and 11.
- Land, mountainous; steep and rugged with large boulders, outcroppings and series of broken and nearly perpendicular ledges, E. 17.20 chs.; sandstone formation; drainage NE. into a fork of San Arroyo Canyon, thence SE., E. $\frac{1}{2}$ mile; W. $\frac{1}{2}$ mile drains NW. into East Canyon. Soil, red sand and sandy loam, varying in depth from about 6 ins. to 3 ft., lying on bedrock; 2nd. to 4th. rate.
- Timber, cedar and pinon pine; a few scattering balsam. Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush.
- Excellent growth of grass on greater portion of mile.
-
- N.0°01'W., on a true line bet. secs. 2 and 3.
- Desc. rough N. slope 20 ft., through a heavy growth of timber and medium dense undergrowth.
- 2.70 Draw, drains SW.; asc. S. slope 50 ft.
- 6.10 Spur, projects westerly approximately 25.00 chs. dist.; desc. steep N. slope 65 ft.
- 11.90 Leave heavy and enter a medium dense growth of timber, bears E. and W.
- 12.20 Enter dense tall undergrowth, bears E. and W.; descent becomes more abrupt, bearing E. and W.
- 28.50 Leave dense and enter a medium dense undergrowth, bears E. and W.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 28.70 Ravine, 625 ft. below top of abrupt descent, drains W. begin precipitous ascent of 305 ft., over S. slope.
- 32.40 Top of broken ledge, 30 ft. high, bears NW. and SE.
- 38.90 Top of abrupt ascent, bears E. and W.; enter a heavy growth of timber, bears E. and W.; asc. gradual S. slope 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$
 S 3 | S 2
 1925.
- from which,
- A pinon pine, 12 ins. diam., bears S. $60^{\circ}30'E.$, 18 lks. dist., marked $\frac{1}{4}$ S 2 B T.
- A pinon pine, 5 ins. diam., bears N. $71^{\circ}30'W.$, 54 lks. dist., marked $\frac{1}{4}$ S 3 B T.
- 42.00 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects westerly approximately 20.00 chs. dist.; desc. gradual N. slope 60 ft.
- 43.00 Leave heavy growth of timber and enter scattering, bears E. and W.
- 47.00 Enter a heavy growth of timber, bears NW. and SE.
- 52.90 Top of abrupt descent, bears NW. and SE.
- 59.90 Ravine, 125 ft. below top of abrupt descent, drains NW.; begin steep ascent of 90 ft., over SW. slope.
- 62.20 Top of ascent, bears N. and SE.; desc. 130 ft. along W. slope to
- 83.74 Intersect the S. bdy. of sec. 35, T. 16 S., R. 24 E., east 32.96 chs. dist. from the original cor. of secs. 2, 3, 34 and 35, Tps. 16 and 17 S., R. 24 E., which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of the survey of the S. bdy.

Subdivision of T. 17 S., R. 24 E.

Chains.

of T. 16 S., R. 24 E., Group No. 87. At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 22 ins. high, for closing cor. of secs. 2 and 3, T. 17 S., R. 24 E., with brass cap marked:

T16SR24E	
S 35	
S3	S2
T17S R24E	
CC	
1925	

from which,

A pinon pine, 12 ins. diam., bears S.22°30'E., .59 lks. dist., marked T 17 S R 24 E S 2 C C B T.

A pinon pine, 10 ins. diam., bears S.35°30'W., 116 lks. dist., marked T 17 S R 24 E S 3 C C B T.

As the original cor. of secs. 2, 3, 34 and 35, Tps. 16 and 17 S., R. 24 E., now refers to secs. 34 and 35, only, T. 16 S., R. 24 E., I destroy the markings pertaining to secs. 2 and 3, T. 17 S., R. 24 E., on the post and S. bearing trees.

Land, steep and mountainous, draining W. and NW. into East Canyon; large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation exposed on portions of mile.

Soil, red sand and sandy loam or clay, about 6 ins. to 3 ft. deep, lying on bedrock; 2nd. to 4th. rate.

Timber, cedar and pinon pine; a few scattering balsam. Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush.

Fair to excellent growth of grass on N. slopes; poor to fair grazing on S. and W. slopes.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., heretofore described in the finished field notes of the survey of the N. bdy. of T. 18 S., R. 24 E., in this group,
N.0°02'W., bet. secs. 33 and 34.

Subdivision of T. 17 S., R. 24 E.

Chains.

- Over gently rolling top of reef, through dense growth sagebrush; desc. gradual NW. slope 15 ft.
- 8.60 Swale, drains northeasterly; asc. gradual SE. slope 15 ft.
- 15.00 Enter a medium dense growth of timber, bears N.70°W. and S.70°E.; continue gradual ascent of 15 ft., over small draws and low spurs, putting SE.
- 15.50 Sagebrush becomes scattering, bearing NW. and SE.
- 23.10 Spur, projects southeasterly about 10.00 chs. dist.; desc. gradually 20 ft.
- 28.00 Leave top of reef, bears NW. and SE., and enter rough mountainous land; begin abrupt descent of 65 ft., over NE. slope.
- 28.20 Leave medium dense growth of timber and enter scattering; bears N.70°W. and S.70°E.; enter a sparse growth of shadscale, greasewood and yellow top.
- 32.30 Draw, drains S.60°E.; asc. 25 ft.
- 33.82 Barbed wire fence, bears approximately N.60°W. and S.60°E.
- 34.60 Spur, slopes S.60°E. about 3.00 chs. dist.; desc. 25 ft.
- 38.80 Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of hollow, drains S.60°E.; asc. steep SW. slope 45 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- S 33 S 34

1925
- from which,
- A cedar, 8 ins. diam., bears N.43°15'E., 40 lks. dist., marked $\frac{1}{4}$ S 34 B T.
- A cedar limb, 5 ins. diam., bears N.32°30'W., 69 lks. dist., marked $\frac{1}{4}$ S 33 B T.
- 41.40 Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximately 15.00 chs. dist.; desc. 35 ft.
- 49.00 Draw, drains SE.; asc. 20 ft.
- 52.10 Spur, projects SE. about 8.00 chs. dist.; desc. 15 ft.

Subdivision of T. 17 S., R. 24 E.

- Chains.
- 55.50 Draw, drains SE.; asc. 135 ft.
- 62.20 Spur, projects E. approximately 4.00 chs. dist., thence southeasterly about 20.00 chs. dist.; desc. 20 ft.
- 68.00 Draw, drains E.; asc. abruptly 95 ft.
- 73.90 Top of broken and nearly perpendicular ledge, 30 ft. high, bears northwesterly and southwesterly, on top of spur, projecting E. approximately 6.00 chs. dist.; abrupt descent of 95 ft., over general NE. slope.
- 76.00 Top of the same broken and nearly perpendicular ledge as noted at 73.90 chs., 25 ft. high, bears NE. and SW.
- 77.20 Top of the same broken and nearly perpendicular ledge as noted at 76.00 chs., 20 ft. high, bears NW. and SE.
- 79.60 Draw from NW., drains E.; asc. S. slope 20 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked:

T17S	R24E
S28	S27
S33	S34
1925	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. All trees within a reasonable distance are too scrubby for marking.

Land, gently rolling top of reef, S. 28.00 chs.; rolling mountainous and rough mountainous, N. 52.00 chs.; shale exposed on top of reef and rolling mountains, and outcroppings and broken and perpendicular ledges of sandstone exposed on the rough mountainous portion; general drainage NE. and SE. to a main wash, thence S. Soil, red sand and red sandy loam, about 2 ft. deep, lying on a light colored or brown clay, or on shale, on top of reef; shallow clay, lying on shale, on the rolling mountains; shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock, on the rough mountainous portion; 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, yellow top and greasewood.

Subdivision of T. 17 S., R. 24 E.

Chains.

Sparse growth of grass.

N.89°53'E., on a random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
26, 27, 34 and 35.

Thence,

S.89°52'W., on a true line bet. secs. 27 and 34.

Asc. 105 ft. along rough NE. slope, through a scattering
growth of timber and undergrowth.

10.90 Spur, projects S.70°E.; asc. 75 ft., along general S.
slope, across the head of draw, draining S.

19.40 Top of ascent, bears E. and NW; begin abrupt descent of
145 ft., over SW. slope.

25.70 Ravine, drains SE.; asc. precipitous NE. slope 390 ft.
to

39.95 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
the ground to solid rock, and in a mound of stone, 8
ft. base, 27 ins. high, for $\frac{1}{4}$ sec. cor., with brass
cap marked:

	S 27
$\frac{1}{4}$	<hr/>
	S 34
	1925

from which,

A cedar, 6 ins. diam., bears N.21°30'W., 61
lks. dist., marked $\frac{1}{4}$ S 27 B T.

A cedar, 7 ins. diam., bears S.81°W., 64
lks. dist., marked $\frac{1}{4}$ S 34 B T.

42.60 Ridge, 60 ft. above $\frac{1}{4}$ sec. cor., bears N. and S. approx-
imately 12.00 chs. dist., then forks SE. and SW.; a
rugged peak bears N. about 25.00 chs. dist.; desc.
abrupt W. slope 635 ft.

67.40 Gulch, drains S.; asc. abruptly 165 ft.

71.60 Spur, from NW., projects S.20°E. approximately 6.00 chs.
dist.; desc. 50 ft.

73.90 Draw, drains SE.; asc. abrupt SW. slope 40 ft. to

79.90 The cor. of secs. 27, 28, 33 and 34.

Chains.

Land, steep and mountainous, draining generally to the S.; entire mile rugged with large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation.

Soil, shallow red sand or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, shadscale, yellow top and mountain rush.

Scattering to a dense growth of grass.

N.0°02'W., bet. secs. 27 and 28.

Over rough mountainous land, through a scattering growth of timber and undergrowth of shadscale and yellow top; asc. SW. slope 40 ft.

1.60 Spur, slopes SE. approximately 2.00 chs. dist.; desc. 40 ft.

4.60 Draw, drains SE.; asc. abruptly 305 ft.

12.20 Spur, projects SE. about 20.00 chs. dist.; steep descent of 100 ft.

16.90 Draw, drains SE.; abrupt ascent of 695 ft.

24.10 Perpendicular ledge, 30 ft. high, bears NE. and SW.

31.40 Perpendicular ledge, 20 ft. high, bears NE. and SW.

33.40 Perpendicular ledge, 20 ft. high, bears N.60°E. and S.60°W.

33.90 Spur, projects SE. approximately 15.00 chs. dist.; asc. 65 ft. to $\frac{1}{4}$ sec. cor., across the head of draw, draining SE.

39.90 Top of nearly perpendicular ledge, 35 ft. high, bears N.20°E. and S.20°W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in a crack bet. two large boulders, and surround by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
S 28. | S 27.

Subdivision of T. 17 S., R. 24 E.

Chains.

from which,

A cedar limb, 8 ins. diam., bears S.86°15'W., 48
lks. dist., marked $\frac{1}{2}$ S 28 B T.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of
cor., as there are no other trees available.

43.30 Perpendicular ledge or rim of gulch, 15 ft. high, bears
NE. and SW., 65 ft. above $\frac{1}{2}$ sec. cor.; asc. more
gradually 10 ft., over SE. slope.

45.30 Spur, projects SW.; enter a heavy growth of timber,
bears NE. and SW.; leave shadscale and yellow top and
enter a medium dense undergrowth of buck brush, service
berry bushes and mountain rush, bears NE. and SW.;
desc. NW. slope 70 ft.

53.00 Head of ravine, drains W.; abrupt ascent of 95 ft., over
SW. slope.

61.00 Top of broken and nearly perpendicular ledge, 25 ft. .
high, bears NW. and SE.

62.40 Spur, projects northwesterly approximately 15.00 chs..
dist., thence southwesterly; desc. 30 ft. across the
head of ravine, draining NW.

71.50 Spur, projects NW.; desc. NE. slope 110 ft., to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a
cross (X) chiseled into surface rock, and surround by
a mound of stone, 7 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of
secs. 21, 22, 27 and 28, with brass cap marked:

T17S	R24E
S21	S22
S28	S27
1925	

from which,

A pinon pine, 12 ins. diam., bears N.34°E., 70 .
lks. dist., marked T 17 S R 24 E S 22 B T.

A pinon pine, 10 ins. diam., bears S.64°E., 50 .
lks. dist., marked T 17 S R 24 E S 27 B T.

A pinon pine, 10 ins. diam., bears S.58°45'W., 24
lks. dist., marked T 17 S R 24 E S 28 B T.

A cedar, 8 ins. diam., bears N.81°30'W., 48
lks. dist., marked T 17 S R 24 E S 21 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

Land, steep and mountainous, and rugged with large boulders, series of outcroppings and broken, sloping and perpendicular ledges, varying in height from about 5 to 40 ft., on S. 45.30 chs.; rough mountainous land of large boulders, outcroppings and surface rock, on N. 34.70 chs.; red and light colored sandstone formation; general drainage S.; S. 45.30 chs.; N. 34.70 chs. drain W. and NW.

Soil, shallow red sand or clay, lying on a clay subsoil, shale or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, shadscale and yellow top.

Fair to an excellent growth of grass on greater portion of mile.

N. 89° 52' E., on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence,

S. 89° 46' W., on a true line bet. secs. 22 and 27.

Asc. precipitous rough general NE. slope 405 ft., through a medium dense growth of timber and undergrowth.

21.20 Enter a heavy growth of timber, bears N. and S.

21.60 Top of abrupt ascent, bears N. and S.; asc. gradual E. slope 160 ft. to $\frac{1}{4}$ sec. cor.

22.00 Leave medium dense undergrowth and enter scattering, bears N. and S.

40.08 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 22
 $\frac{1}{4}$
 S 27
 1925

Subdivision of T. 17 S., R. 24 E.

- Chains. from which,
- A pinon pine, 7 ins. diam., bears N.24°E., 51
lks. dist., marked $\frac{1}{4}$ S 22 B T.
- A pinon pine, 10 ins. diam., bears S.2°30'W., 40
lks. dist., marked $\frac{1}{4}$ S 27 B T.
- 41.70 Ridge, 15 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; steep
descent of 105 ft.
- 45.50 Enter medium dense undergrowth, bears N.20°W. and
S.20°E.
- 55.90 Ravine, drains N.20°W.; abrupt ascent of 75 ft.
- 64.00 Spur, projects N.20°W. approximately 20.00 chs. dist.;
desc. abruptly 80 ft.
- 68.80 Draw, drains N.10°W.; asc. 40 ft.
- 73.00 Spur, slopes N.10°W. about 4.00 chs. dist.; desc. 60 ft.
- 74.90 Draw, drains N.10°W.; asc. steep NE. slope 90 ft. to
- 80.16 The cor. of secs. 21, 22, 27 and 28.
- Land, steep and mountainous; outcroppings and series of
broken and perpendicular ledges, on E. 21.60 chs.;
large boulders and surface rock exposed on portions of
W. 58.56 chs.; sandstone formation; E. 41.70 chs.
drain NE. into a fork of Bryson Canyon; drainage NW.
into East Canyon, W. 38.46 chs.
- Soil, shallow red sand or clay, lying on a clay subsoil
or on bedrock; 3rd. and 4th. rate.
- Timber, cedar and pinon pine.
- Undergrowth, oak and buck brush, mountain rush and sage-
brush.
- Poor to an excellent growth of grass.

N.0°02'W., bet. secs. 21 and 22.

Desc. 100 ft. along rough general NE. slope, through a
heavy growth of timber and medium dense oak and buck
brush, service berry bushes and mountain rush.

- 10.30 Leave heavy and enter a medium dense growth of timber,
bears NW. and SE.; begin abrupt descent of 335 ft.,
bearing changing from NW. and SE. to NE. and SW.

Subdivision of T. 17 S., R. 24 E.

Chains.

24.10 Draw, drains NE.; asc. 35 ft.

25.70 Spur, projects NE. about 8.00 chs. dist.; desc. abruptly 385 ft.

39.10 Undergrowth becomes scattering, bearing E. and W.

39.40 Ravine, drains W.; asc. precipitous S. slope 25 ft. to $\frac{1}{4}$ sec. cor.

39.80 Enter a scattering growth of shadscale and yellow top.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{c} \frac{1}{4} \\ \text{S 21} \quad | \quad \text{S 22} \\ 1925 \end{array}$$

from which,

A cedar, 8 ins. diam., bears S.4°E., 127

lks. dist., marked $\frac{1}{4}$ S 22 B T.

A pinon pine, 9 ins. diam., bears S.32°W., 116

lks. dist., marked $\frac{1}{4}$ S 21 B T.

50.70 Spur, 270 ft. above $\frac{1}{4}$ sec. cor., projects W. approximately 20.00 chs. dist.; abrupt descent of 130 ft.

55.30 Draw, drains W.; asc. 10 ft.

57.60 Spur, projects W. about 20.00 chs. dist.; desc. 115 ft.

64.70 Ravine, drains S.60°W.; asc. precipitous SE. slope 255 ft.

69.90 Top of broken and perpendicular ledge, 20 ft. high, bears NE. and SW.

75.60 Perpendicular ledge, 10 ft. high, bears NE. and SW., on top of spur, projecting S.60°W. approximately 15.00 chs. dist.; steep descent of 130 ft., over NW. slope to

80.00 On top of a broken and nearly perpendicular ledge, 10 ft. high, bearing NE. and SW., set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 1½ ft. high, for cor. of secs. 15, 16, 21 and 22, with brass cap marked:

$$\begin{array}{c} \text{T17S} \quad | \quad \text{R24E} \\ \text{S16} \quad | \quad \text{S15} \\ \text{S21} \quad | \quad \text{S22} \\ 1925 \end{array}$$

Subdivision of T. 17 S., R. 24 E.

Chains.

from which,

A pinon pine limb, 6 ins. diam., bears N.14°45'E.

6 lks. dist., marked T 17 S R 24 E S 15 B T.

A pinon pine, 12 ins. diam., bears S.34°30'E.,

92 lks. dist., marked T 17 S R 24 E S 22 B T.

A pinon pine, 12 ins. diam., bears S.24°45'W.,

108 lks. dist., marked T 17 S R 24 E S 21 B T.

A pinon pine, 4 ins. diam., bears N.58°W., 37

lks. dist., marked T 17 S R 24 E S 16 B T.

Land, steep and mountainous, draining NW., W. and SW.

into East Canyon; entire mile rough with large boulder outcroppings and broken and perpendicular ledges of sandstone formation.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar, pinon pine and mahogany.

Undergrowth, oak and buck brush, service berry bushes, mountain rush, shadscale and yellow top.

Good growth of grass, S. $\frac{1}{2}$ mile; poor to fair grazing, N. $\frac{1}{2}$ mile.

N.89°46'E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect N. and S. line, 33 lks. N. of the cor. of sec. 14, 15, 22 and 23.

Thence,

West, on a true line bet. secs. 15 and 22.

Asc. rough SE. slope 20 ft., through a medium dense growth of timber and scattering undergrowth.

6.20 Spur, projects SW. approximately 20.00 chs. dist.; desc. 75 ft.

13.20 Draw, drains SW.; asc. S. slope 15 ft.

17.20 Spur, projects S. about 10.00 chs. dist.; desc. 55 ft.

23.80 Ravine, drains S.; asc. 180 ft.

30.80 Spur, projects S. approximately 5.00 chs. dist.; desc. 15 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 35.00 Draw, drains S.10°E. about 6.00 chs. dist., thence SE.;
asc. abrupt E. slope 70 ft.
- 37.80 Ridge, bears N. and S.; desc. W. slope 20 ft. to
- 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in
the ground to bedrock, and in a mound of stone, 5½ ft.
base, 2½ ft. high, for ¼ sec. cor., with brass cap
marked:
- S 15
—
S 22
1925
- from which,
- A pinon pine, 12 ins. diam., bears N.4°45'W., 46
lks. dist., marked ¼ S 15 B T.
- A pinon pine, 8 ins. diam., bears S.60°30'E., 50
lks. dist., marked ¼ S 22 B T.
- 43.20 Draw, 40 ft. below ¼ sec. cor., drains SW.; asc. 10 ft.
- 46.20 Spur, projects SW. approximately 12.00 chs. dist.; desc.
35 ft.
- 48.30 Draw, drains SW. about 15.00 chs. dist., thence westerly;
asc, 15 ft.
- 53.50 Spur, projects SW. approximately 15.00 chs. dist.; desc.
35 ft., over gradual NW. slope.
- 55.90 Leave medium dense growth of timber and enter scattering
bears NW. and SE.
- 56.20 Top of abrupt descent, bears NW. and SE.; desc. precipi-
tous SW. slope 355 ft.
- 56.60 Top of broken and nearly perpendicular ledge, 40 ft..
high, bears NW. and SE.
- 69.20 Head of ravine, drains SW.; asc. steep SE. slope 45 ft.
- 74.50 Perpendicular ledge, 20 ft. high, bears N.20°E. and
S.20°W.
- 74.80 Spur, projects southwesterly; desc. abruptly 210 ft.,
over NW. slope, along S. side of draw, draining S.80°W.
- 75.00 Top of broken and nearly perpendicular ledge, 10 ft..
high, bears N.20°E. and S.20°W..
- 80.12 The cor. of secs. 15, 16, 21 and 22.

Subdivision of T. 17 S., R. 24 E.

Chains.

Land, steep and mountainous; sandstone exposed in the form of surface rock, large boulders, numerous outcroppings and series of broken and perpendicular ledges; drainage S. and SW. into a fork of Bryson Canyon, thence SE., E. 37.80 chs.; remainder of mile drains SW. into East Canyon.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, oak and buck brush, service berry bushes, mountain rush, shadscale and yellow top.

Scattering growth of grass.

N.0°02'W., bet. secs. 15 and 16.

Over rough mountainous land, through a scattering growth of timber and medium dense undergrowth; desc. NW. slope 25 ft.

0.80 Draw, drains S.80°W.; asc. abrupt SW. slope 100 ft.

3.90 Perpendicular ledge, 15 ft. high, bears NW. and SE.

5.00 Spur, projects W. approximately 10.00 chs. dist.; desc. steep N. slope 110 ft.

5.50 Same perpendicular ledge as noted at 3.90 chs., 10 ft. high, bears NE. and SW.

8.40 Draw, drains W.; asc. 15 ft. along SW. slope.

16.30 Spur, projects W. about 10.00 chs. dist.; desc. 60 ft.

18.90 Perpendicular ledge, 20 ft. high, bears NE. and SW.

20.60 Draw, drains W.; abrupt ascent of 75 ft., over SE. slope.

23.40 Top of broken ledge, 15 ft. high, bears NW. and SE.

23.70 Spur, projects S.80°W. approximately 8.00 chs. dist.; desc. NW. slope 110 ft.

23.90 Top of the same broken ledge as noted at 23.40 chs., 15 ft. high, bears NE. and SW.

30.80 Draw, drains W.; asc. 30 ft.

34.50 Spur, slopes W. about 1.50 chs. dist.; desc. 50 ft.

37.10 Draw, drains W.; asc. 40 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.
38.80

Spur, slopes W. approximately 2.00 chs. dist.; desc. NW.
slope 35 ft. to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground to bedrock, and in a mound of stone, 4 ft.
base, 10 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:

S 16 | S 15

1925

from which,

A cedar limb, 5 ins. diam., bears N.77°E., 65
lks. dist., marked $\frac{1}{4}$ S 15 B T.

A cedar limb, 6 ins. diam., bears S.81°30'W., 74
lks. dist., marked $\frac{1}{4}$ S 16 B T.

43.10

Leave timber at the base of descent, bearing NE. and SW.,
55 ft. below $\frac{1}{4}$ sec. cor.; over level bottom of East
Canyon.

43.40

Dry wash, 50 lks. wide, 4 ft. deep, drains SW.

47.10

Same wash, 50 lks. wide, 4 ft. deep, drains S.20°E.

49.60

Same wash from NE., 50 lks. wide, 4 ft. deep, drains SW.

49.90

Leave bottom of canyon, bears NE. and SW.; begin precipi-
tous ascent of 265 ft., over SE. slope, through scat-
tering timber.

56.20

Perpendicular ledge, 20 ft. high, bears N.25°E. and
S.25°W.

58.70

Perpendicular ledge, 30 ft. high, bears N.25°E. and
S.25°W.

59.70

Spur from N.60°W., projects N.60°E. about 12.00 chs.
dist.; enter a medium dense growth of timber, bears
N.60°W. and S.60°E.; desc. steep NW. slope 195 ft.

68.10

Fork of East Canyon from NW., drains N.60°E.; asc. abrupt
SW. slope 235 ft.

74.10

Top of broken and perpendicular ledge, 15 ft. high,
bears NW. and SE.

75.60

Top of abrupt ascent, bears N. and SE.; desc. gradually
15 ft. along W. slope to

Subdivision of T. 17 S., R. 24 E.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground to bedrock, and in a mound of stone, 8 ft. base, $2\frac{1}{2}$ ft. high, for cor. of secs. 9, 10, 15. and 16, with brass cap marked:

T17S	R24E
S9	S10
S16	S15
1925	

from which,

A pinon pine, 10 ins. diam., bears N. $12^{\circ}45'E.$, 4

lks. dist., marked T 17 S R 24 E S 10 B T.

A pinon pine, 16 ins. diam., bears S. $41^{\circ}E.$, 81

lks. dist., marked T 17 S R 24 E S 15 B T.

A pinon pine, 12 ins. diam., bears S. $18^{\circ}30'W.$, 1

lks. dist., marked T 17 S R 24 E S 16 B T.

A pinon pine, 16 ins. diam., bears N. $54^{\circ}15'W.$, 9

lks. dist., marked T 17 S R 24 E S 9 B T.

Land, steep and mountainous, and drained generally to the SW. by East Canyon; rugged with large boulders, numerous outcroppings and series of broken and perpendicular ledges; sandstone formation.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sand loam, several ft. deep, in the bottom of East Canyon

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, sagebrush, yellow top and shadscale.

Fair to a good growth of grass on N. slopes; poor to fair grazing on S. and W. slopes.

East, on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.22 Intersect N. and S. line, 3 lks. N. of the cor. of sec. 10. 11, 14 and 15.

Thence,

N. $89^{\circ}59'W.$, on a true line bet. secs. 10 and 15.

Over rough mountainous land, through a medium dense

Subdivision of T. 17 S., R. 24 E.

Chains.

growth of timber and undergrowth; desc. gradual W.
slope 10 ft.

0.60 Foot of gradual descent, bears N. and S.; enter a heavy
growth of timber, bears N. and S.; desc. NW. slope 95
ft.

1.00 Undergrowth becomes dense, bearing NE. and SW.

9.60 Ravine, drains SW. about 15.00 chs. dist., thence west-
erly; asc. 45 ft.

11.60 Spur, projects SW. approximately 15.00 chs. dist., thence
westerly; leave heavy and enter a medium dense growth
of timber, bears NE. and SW.; begin precipitous de-
scent of 910 ft. to $\frac{1}{4}$ sec. cor., over NW. slope.

18.80 Perpendicular ledge, 40 ft. high, bears NE. and SW.

21.30 Perpendicular ledge, 25 ft. high, bears NE. and SW.

40.11 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 10 \\ \frac{1}{4} \\ S\ 15 \\ 1925 \end{array}$$

from which,

A cedar, 10 ins. diam., bears N.13°E., 42

lks. dist., marked $\frac{1}{4}$ S 10 B T.

A cedar, 9 ins. diam., bears S.25°45'E., 43

lks. dist., marked $\frac{1}{4}$ S 15 B T.

40.80 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains NW. about 50 lks.
dist. into a ravine, draining from N.70°E. to W.; asc.
30 ft. along general NE. slope.

41.00 Undergrowth becomes scattering, bearing NW. and SE.

53.80 Spur, projects NW. about 8.00 chs. dist.; steep descent
of 200 ft., over SW. slope.

62.50 Dry wash, 60 lks. wide, 4 ft. deep, in the bottom of
East Canyon, drains S.; asc. abrupt E. slope 315 ft.

70.30 Perpendicular ledge, 20 ft. high, bears NE. and SW.

71.50 Top of broken and nearly perpendicular ledge, 15 ft.
high, bears NE. and SW.

76.50 Spur, projects S. approximately 12.00 chs. dist.; desc.
steep W. slope 85 ft. to

Subdivision of T. 17 S., R. 24 E.

Chains.

- 80.22 The cor. of secs. 9, 10, 15 and 16.
Land, steep and mountainous, draining into East Canyon thence southwesterly; slopes rugged with large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation.
Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of East Canyon; 1st. rate.
Timber, cedar and pinon pine; a few scattering mahogany. Undergrowth, oak and buck brush, service berry bushes, mountain rush, sagebrush, shadscale and yellow top. Fair to a good growth of grass on greater portion of mile.
-
- N.0°02'W., bet. secs. 9 and 10.
Desc. 25 ft. along rough W. slope, through a medium dense growth of timber and undergrowth.
- 7.90 Draw, drains SW.; asc. abruptly 335 ft., over general SW. slope.
- 19.70 Spur from NW., projects SE. approximately 8.00 chs. dist., thence S.10°W.; desc. 15 ft.
- 23.00 Head of draw, drains E. about 8.00 chs. dist., thence SE.; steep ascent of 90 ft.
- 26.00 Top of nearly perpendicular ledge, 40 ft. high, bears NE. and SW.
- 26.40 Spur, projects E. approximately 15.00 chs. dist., thence SE. about 12.00 chs. dist.; desc. abrupt NE. slope 125 ft. to $\frac{1}{4}$ sec. cor.
- 26.60 Top of the same ledge as noted at 26.00 chs., broken and sloping, 30 ft. high, bears NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 9 S 10

1925

from which,

A cedar, 7 ins. diam., bears S.17°E., 120
lks. dist., marked $\frac{1}{2}$ S 10 B T.

A pinon pine, 9 ins. diam., bears S.33°W., 80
lks. dist., marked $\frac{1}{2}$ S 9 B T.

- 10.30 Ravine, 15 ft. below $\frac{1}{2}$ sec. cor., drains SE.; asc. precipitous SW. slope 570 ft.
- 15.30 Perpendicular ledge, 20 ft. high, bears E. and W.
- 18.40 Perpendicular ledge, 35 ft. high, bears E. and W.
- 30.40 Perpendicular ledge, 15 ft. high, bears E. and W.
- 31.00 Perpendicular ledge, 20 ft. high, bears E. and W.
- 32.70 Perpendicular ledge, 25 ft. high, bears NW. and SW., on top of spur, projecting SE. approximately 50.00 chs. dist.; a peak bears about N.70°W. approximately 10.00 chs. dist.; desc. NE. slope 355 ft.
- 37.10 Draw, drains E.; asc. 90 ft.
- 75.60 Top of ascent, bears NW. and SW.; desc. gradually 15 ft. along NE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 3, 4, 9 and 10, with brass cap marked:

T17S	R24E
S4	S3
S9	S10
1925	

from which,

A pinon pine limb, 6 ins. diam., bears N.8°15'E.,
110 lks. dist., marked T 17 S R 24 E S 3 B T.

A cedar limb, 8 ins. diam., bears S.11°45'E.,
62 lks. dist., marked T 17 S R 24 E S 10 B T.

A pinon pine, 7 ins. diam., bears S.35°30'W.,
84 lks. dist., marked T 17 S R 24 E S 9 B T.

A cedar, 7 ins. diam., bears N.15°30'W.,
69 lks. dist., marked T 17 S R 24 E S 4 B T.

Chains.

Land, steep and mountainous, draining generally SE. in East Canyon; entire mile rugged with large boulders, outcroppings and series of broken and perpendicular ledges, 10 to 40 ft. high; sandstone formation.

Soil, shallow red sand and sandy loam, lying on bedrock 3rd. and 4th. rate.

Timber, cedar and pinon pine; scattering balsam, N. $\frac{1}{2}$ mile.

Undergrowth, buck brush, service berry bushes, mountain rush, shadscale, yellow top and sagebrush.

Fair to a good growth of grass.

S. $89^{\circ}59'E.$, on a random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect N. and S. line, 28 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence,

S. $89^{\circ}49'W.$, on a true line bet. secs. 3 and 10.

Desc. abrupt rough general NW. slope 500 ft., across bottom of draw, draining NW., through a medium dense growth of timber and undergrowth.

2.50 Perpendicular ledge, 75 ft. high, bears N. and S.

8.00 Wash, drains northwesterly.

21.40 Spur, projects NW. approximately 7.00 chs. dist.; desc. steep SW. slope 245 ft.

31.20 Leave timber, bears NW. and SE., at the base of descent bearing NW. and SE.; over nearly level bottom of East Canyon.

31.30 Leave medium dense growth of buck brush, service berry bushes and mountain rush and enter dense tall undergrowth of sagebrush, bears NW. and SE.

33.50 Dry wash, 60 lks. wide, 5 ft. deep, drains SE. about 5.00 chs. dist., thence southwesterly.

33.60 Leave bottom of canyon, bears NW. and SE.; begin precipitous ascent of 165 ft. to $\frac{1}{4}$ sec. cor., over NE. slope through a medium dense growth of timber, bearing NW. and SE.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 33.90 Leave sagebrush and enter medium dense undergrowth of buck brush, service berry bushes and mountain-rush, bears NW. and SE.
- 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 3 \\ \frac{1}{4} \overline{) } \\ S\ 10 \\ 1925 \end{array}$$
- from which,
- A cedar, 12 ins. diam., bears N.72°15'E., 28 lks. dist., marked $\frac{1}{4}$ S 3 B T.
- A cedar limb, 5 ins. diam., bears S.0°30'E., 64 lks. dist., marked $\frac{1}{4}$ S 10 B T.
- 43.50 Perpendicular ledge, 30 ft. high, bears N.20°E. and S.20°W.
- 46.00 Perpendicular ledge, 20 ft. high, bears N.20°E. and S.20°W.
- 50.30 Perpendicular ledge, 15 ft. high, bears N.20°E. and S.20°W.
- 51.30 Ridge, 340 ft. above $\frac{1}{4}$ sec. cor., bears N.25°W. and S.25°E. about 20.00 chs. dist.; abrupt descent of 435 ft., over general SW. slope.
- 64.00 Fork of East Canyon, drains S. approximately 8.00 chs. dist., thence SE.; asc. precipitous general NE. slope 610 ft. to
- 80.20 The cor. of secs. 3, 4, 9 and 10.
- Land, abrupt and mountainous, draining NW. and SE. into East Canyon, thence SW.; greater part of mile rugged with large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation.
- Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of East Canyon; 1st. rate.
- Timber, cedar and pinon pine.
- Undergrowth, buck brush, service berry bushes, mountain rush and sagebrush.

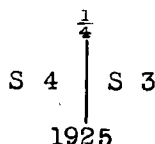
Chains.

Poor to fair growth of grass.

N.0°02'W., on a true line bet. secs. 3 and 4.

Desc. gradually 15 ft., along rough general NE. slope, through a medium dense growth of timber and undergrowth.

- 6.00 Begin abrupt descent of 395 ft.
 28.70 Fork of East Canyon, drains SE.; steep ascent of 225 ft. over SE. slope.
 38.30 Spur, projects SW. approximately 6.00 chs. dist.; desc. 10 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 8 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A pinon pine, 14 ins. diam., bears N.89°E., 19 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A pinon pine, 9 ins. diam., bears S.68°W., 35 lks. dist.; marked $\frac{1}{4}$ S 4 B T.

- 46.50 Draw, 10 ft. below $\frac{1}{4}$ sec. cor.; drains SW.; precipitous ascent of 660 ft., over general SE. slope.
 50.90 Perpendicular ledge, 80 ft. high, bears E. and W.
 54.90 Top of sloping and broken ledge, 50 ft. high, bears E. and W.
 57.60 Top of nearly perpendicular ledge, 75 ft. high, bears E. and W.
 59.00 Top of abrupt ascent, bears E. and W.; leave medium dense growth of timber and enter scattering, bears E. and W.; asc. gradual S. slope 10 ft.
 59.20 Enter dense undergrowth, bears E. and W.
 60.00 Top of ascent, bears E. and W.; desc. 25 ft.
 67.10 Draw, drains W.; asc. 35 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 70.80 Spur, projects W. about 10.00 chs. dist.; desc. 40 ft.
- 77.70 Draw, drains SW.; steep ascent of 45 ft., over SE. slope.
- 80.30 Top of abrupt ascent, bears E. and W.; asc. gradual S. slope 10 ft. to
- 84.06 Intersect the S. bdy. of sec. 34, T. 16 S., R. 24 E., east 32.84 chs. dist. from the original cor. of secs. 3, 4, 33 and 34, Tps. 16 and 17 S., R. 24 E., which is an iron post, 2 ins. in diam., extending 12 ins. above ground, firmly set in a mound of stone, 4 ft. base, 1 ft. high, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of the survey of the S. bdy. of T. 16 S., R. 24 E., Group No. 87. At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 3 and 4, T. 17 S., R. 24 E., with brass cap marked:

T16SR24E	
S34	
S4	S3
T17S	R24E
CC	
1925	

from which,

A pinon pine, 6 ins. diam., bears S.66°15'E., 105 lks. dist., marked T 17 S R 24 E S 3 C C B T.

A pinon pine, 4 ins. diam., bears S.12°15'W., 32 lks. dist., marked T 17 S R 24 E S 4 C C B T.

The original cor. of secs. 3, 4, 33 and 34, Tps. 16 and 17 S., R. 24 E. now refers to secs. 33 and 34, only, T. 16 S., R. 24 E.; therefore, I deface the markings pertaining to secs. 3 and 4, T. 17 S., R. 24 E., on the post and S. bearing trees.

Land, steep sides of a fork of East Canyon with sandstone exposed in the form of large boulders, outcroppings and series of broken, sloping and perpendicular ledges, 20 to 75 ft. high; S. 59.00 chs.; rolling general SW. slope of mountain top, N. 25.06 chs.; general drainage SE. into East Canyon.

Subdivision of T. 17 S., R. 24 E.

Chains.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.

Timber, cedar and pinon pine; a few scattering balsam.

Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush.

Fair to a good growth of grass on N. slopes and on N.

25.00 chs.; poor grazing land, remainder of mile.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., heretofore described in the finished field notes of the survey of the N. bdy. of T. 18 S., R. 24 E., in this group,

N.0°03'W., bet. secs. 32 and 33.

Over rough mountainous land, through a scattering growth of timber and undergrowth; asc. abrupt S. slope 95 ft.

5.40 Spur, projects S.80°W. approximately 15.00 chs. dist.; desc. abruptly 110 ft.

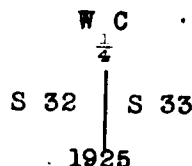
9.60 Ravine, drains S.80°W.; steep ascent of 110 ft.

16.60 Spur, projects S.70°W. about 8.00 chs. dist.; precipitous descent of 115 ft.

22.90 Ravine, drains southwesterly; asc. abruptly 260 ft.

32.40 Spur, projects W. about 6.00 chs. dist., then forks southwesterly and S.80°W.; desc. precipitous N. slope 260 ft. to

39.80 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 10 ins. high, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A pinon pine, 12 ins. diam., bears S.67°30'E., 10 lks. dist., marked W C $\frac{1}{4}$ S 33 B T.

A pinon pine, 6 ins. diam., bears S.30°30'W., 32 lks. dist., marked W C $\frac{1}{4}$ S 32 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 40.00 The true point for the $\frac{1}{4}$ sec. cor. falls on top of a broken and nearly perpendicular ledge, 15 ft. high, bearing NW. and SE., where it is impracticable to set an iron post or chisel a cross (X).
- 42.50 Ravine, 75 ft. below the witness $\frac{1}{4}$ sec. cor., drains westerly; abrupt ascent of 315 ft.
- 56.40 Spur from SE., projects southwesterly approximately 40.00 chs. dist.; desc. abruptly 340 ft.
- 70.30 Ravine, drains southwesterly; asc. precipitous SE. slope 275 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs. 28, 29, 32 and 33, with brass cap marked:

T17S	R24E
S29	S28
S32	S33
1925	

from which,

A cedar limb, 3 ins. diam., bears N. $34^{\circ}45'E.$, 77 lks. dist., marked B T.

A cedar, 10 ins. diam., bears S. $50^{\circ}E.$, 70 lks. dist., marked T 17 S R 24 E S 33 B T.

There are no other trees available; therefore, at the base of the monument, I deposit a sandstone, 8x8x3 ins., marked with a cross (X), and raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.

Land, steep and rugged mountains of large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation; drainage W. and SW. into East Canyon.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, varies from a scattering to a medium dense growth of cedar and piñon pine.

Undergrowth, shadscale, yellow top, sagebrush and service berry bushes.

Poor to fair growth of grass.

- Chains . N.89°53'E., on a random line bet. secs. 28 and 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S. line, 21 lks. N. of the cor. of sec.
27, 28, 33 and 34.
- Thence,
N.89°58'W., on a true line bet. secs. 28 and 33.
- Precipitous ascent of 410 ft., over rough general NE.
slope, across the head of a draw, draining SE.,
through a scattering growth of timber and undergrowth.
- 1.70 Top of nearly perpendicular ledge, 55 ft. high, bears
NE. and SE.
- 9.40 Spur, projects S.25°E.; desc. abruptly 135 ft., over SW.
slope.
- 15.10 Draw, drains SW.; abrupt ascent of 90 ft.
- 19.10 Rugged red sandstone spur, projects S.15°W. approximate-
ly 10.00 chs. dist.; steep descent of 250 ft.
- 27.60 Gulch, drains S.; precipitous ascent of 405 ft.
- 38.30 Ridge, bears N. and S.; desc. abrupt W. slope 130 ft. to
- 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- S 28
 $\frac{1}{4}$ sec.
S 33
1925
- from which,
- A cedar limb, 4 ins. diam., bears N.79°45'E., 22
lks. dist., marked $\frac{1}{4}$ S 28 B T.
- A cedar limb, 6 ins. diam., bears S.72°15'E., 163
lks. dist., marked $\frac{1}{4}$ S 33 B T.
- 40.50 Perpendicular ledge, 35 ft. high, bears N.25°W. and
S.25°E.
- 43.00 Head of ravine, 130 ft. below $\frac{1}{4}$ sec. cor., drains SW.;
asc. SE. slope 25 ft.
- 48.80 Spur, projects southwesterly about 30.00 chs. dist.;
desc. abruptly 315 ft.
- 64.60 Draw, drains SW.; asc. 45 ft.
- 69.40 Spur, slopes SW. approximately 4.00 chs. dist.; desc. 85
ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

72.30 Draw, drains SW.; abrupt ascent of 180 ft., over SE. slope to sec. cor.

77.70 Perpendicular ledge, 20 ft. high, bears NE. and SW.

80.10 The cor. of secs. 28, 29, 32 and 33.

Land, steep and mountainous; entire mile rugged with large boulders, series of outcroppings, and broken, sloping and perpendicular ledges, varying in height from about 5 to 40 ft.; red and light colored sandstone formation; E. 38.30 chs. drain SE to a main wash, thence S. into Westwater Creek; drainage SW. into East Canyon, W. 41.80 chs.

Soil, shallow red sand or clay, lying on a clay subsoil, shale or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top and mountain rush.

Scattering to a fair growth of grass.

N.0°03'W., bet. secs. 28 and 29.

Asc. abrupt rugged SE. slope 200 ft., through a scattering growth of timber and undergrowth.

2.80 Perpendicular ledge, 30 ft. high, bears NE. and SW.

3.80 Spur, projects SW.; desc. abruptly 120 ft.

11.00 Head of draw, drains N.60°W.; asc. 80 ft.

17.90 Spur, projects NW. approximately 15.00 chs. dist.; precipitous descent of 370 ft.

27.30 Ravine, drains N.60°W.; abrupt ascent of 180 ft.

36.60 Spur, projects NW. about 10.00 chs. dist.; desc. abruptly 75 ft., over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 29 | S 28
 1925

Chains.

from which,

A pinon pine, 12 ins. diam., bears S.5°15'E., 77

lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon pine, 12 ins. diam., bears S.54°W., 73

lks. dist., marked $\frac{1}{4}$ S 29 B T.

43.20 Ravine, 105 ft. below $\frac{1}{4}$ sec. cor., drains N.70°W.;
abrupt ascent of 100 ft.

45.10 Spur, projects W. approximately 7.00 chs. dist.; desc.
170 ft.

53.80 Foot of descent, bears NW. and SW.; asc. abruptly 105

63.00 Spur, projects NW. about 6.00 chs. dist.; steep descent
of 125 ft.

64.90 Top of nearly perpendicular ledge, 125 ft. high, bears
E. and W.

65.00 Dry wash, 100 lks. wide, 5 ft. deep, in the bottom of
East Canyon, drains SW.; asc. 160 ft.

71.30 Spur, slopes E. about 3.00 chs. dist.; desc. 35 ft.

74.20 Head of draw, drains E.; asc. 35 ft.

77.30 Spur, projects S.80°E. approximately 4.00 chs. dist.;
precipitous descent of 75 ft. to

80.00 The true point for cor. of secs. 20, 21, 28 and 29, fa
on the S. edge of a dry wash, 70 lks. wide, 5 ft.
deep, in the bottom of a fork of East Canyon, drainin
S.70°E.; impracticable to set a monument at the true
cor. point.

81.00 On the N. bank of the wash; set an iron post, 3 ft. lon
2 ins. in diam., 27 ins. in the ground, for witness
cor. of secs. 20, 21, 28 and 29, with brass cap mark

T17S	R24E
S20	S21
S29	S28
WC	
1925	

and raise a mound of stone, 5 ft. base, 3 ft. high, W
of cor.

Land, abrupt and rugged mountains of large sandstone
boulders, outcroppings and series of broken and perpe
dicular ledges; drainage generally W. and E. into East

Subdivision of T. 17 S., R. 24 E.

Chains.

Canyon, thence SW.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of East Canyon; 1st. and 2nd. rate.

Timber, scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, shadscale, yellow top, sagebrush and service berry bushes.

Poor to fair growth of grass.

From the true point for cor. of secs. 20, 21, 28 and 29, S.89°58'E., on a random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.82 Intersect N. and S. line, 29 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence,

N.89°45'W., on a true line bet. secs. 21 and 28.

Asc. rough NE. slope 15 ft., through a heavy growth of timber and medium dense undergrowth of service berry bushes, mountain rush, oak and buck brush.

5.40 Spur, projects NW. approximately 40.00 chs. dist.; desc. 65 ft.

11.00 Draw, drains NW.; asc. 25 ft.

16.60 Spur, projects NW. about 30.00 chs. dist.; desc. abruptly 105 ft.

20.50 Draw, drains NW.; asc. 35 ft.

22.90 Spur, projects NW. approximately 25.00 chs. dist.; leave heavy and enter a medium dense growth of timber, bears NW. and SE.; steep descent of 365 ft., over SW. slope to $\frac{1}{4}$ sec. cor.

32.90 Top of broken and nearly perpendicular ledge, 25 ft. high, bears NE. and SW.

39.50 Undergrowth of service berry bushes, mountain rush, oak and buck brush becomes scattering, bearing NW. and SE.; enter a scattering growth of shadscale and yellow top.

Subdivision of T. 17 S., R. 24 E.

Chains.

39.91 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 21 \\ \frac{1}{4} \overline{) } \\ S\ 28 \\ 1925 \end{array}$$

from which,

A pinon pine, 7 ins. diam., bears N.76°W., 35
lks. dist., marked $\frac{1}{4}$ S 21 B T.

A cedar, 6 ins. diam., bears S.18°15'E., 141
lks. dist., marked $\frac{1}{4}$ S 28 B T.

50.00 Draw, 320 ft. below $\frac{1}{4}$ sec. cor., drains NW.; timber be-
comes scattering, bearing NW. and SE.; asc. 90 ft.

58.90 Spur, projects NW. about 6.00 chs. dist.; abrupt descen-
of 185 ft.

60.60 Perpendicular ledge, 30 ft. high, bears northwesterly
and southeasterly.

65.10 Draw, drains NW.; steep ascent of 75 ft.

67.20 Top of broken and nearly perpendicular ledge, 20 ft.
high, bears NW. and SE.

68.20 Spur, slopes NW. approximately 2.50 chs. dist.; desc.
abruptly 90 ft.

72.30 Dry wash, 100 lks. wide, 4 ft. deep, in the bottom of
East Canyon, drains SW.; asc. gradual NE. slope 20 ft.

76.60 Spur, slopes SE. about 2.00 chs. dist.; desc. 20 ft.

79.40 Dry wash, 70 lks. wide, 3 ft. deep, in the bottom of a
fork of East Canyon, drains SE.

79.82 The true point for the cor. of secs. 20, 21, 28 and 29.
Land steep and mountainous, draining NW. and SE. into
East Canyon; rough with large boulders, outcroppings,
and broken and perpendicular ledges of sandstone for-
mation.

Soil, shallow red sand or clay, lying on a clay subsoil
shale or on bedrock; 3rd. and 4th. rate.

Timber, cedar, pinon pine and mahogany.

Undergrowth, oak and buck brush, service berry bushes,
mountain rush, shadscale and yellow top; dense growth
of sagebrush in the bottom of East Canyon.

Subdivision of T. 17 S., R. 24 E.

Chains.

Scattering to an excellent growth of grass.
 Numerous veins of coal are exposed on the sides of the
 draws of East Canyon.

From the true point for cor. of secs. 20, 21, 28 and 29,
 N.0°03'W., bet. secs. 20 and 21.

Over level bottom of wash.

0.35 N. edge of the wash; continue over nearly level bottom
 of canyon, through a scattering growth of timber and
 undergrowth.

1.00 The witness cor. of secs. 20, 21, 28 and 29.

1.20 Leave bottom of canyon, bears NW. and SE.; begin abrupt
 ascent of 310 ft., over rugged SE. slope.

9.10 Spur, projects SW. approximately 7.00 chs. dist.; desc.
 35 ft.

16.00 Draw, drains SW.; asc. 110 ft.

20.00 Spur, projects SW. about 12.00 chs. dist.; desc. 35 ft.

24.40 Draw, drains SW.; precipitous ascent of 435 ft.

35.10 Top of nearly perpendicular ledge, 50 ft. high, bears E.
 about 1.00 chs. dist., thence SE., and W. about 1.50
 chs. dist., thence NW.

35.60 Enter a heavy growth of timber, bears E. and W.

39.60 Spur, projects W. approximately 30.00 chs. dist.; desc.
 25 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in
 the ground to bedrock, and in a mound of stone, 6 ft.
 base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
 marked:

$\frac{1}{4}$
 S 20 | S 21
 1925

from which,

A pinon pine, 7 ins. diam., bears S.54°E., 26
 lks. dist., marked $\frac{1}{4}$ S 21 B T.

A cedar, 7 ins. diam., bears N.2°W., 32
 lks. dist., marked $\frac{1}{4}$ S 20 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 42.80 Draw; 25 ft. below $\frac{1}{4}$ sec. cor., drains W.; asc. 40 ft.
- 45.90 Spur, projects W. about 25.00 chs. dist.; desc. 125 ft.
- 52.20 Ravine, drains W.; asc. 105 ft.
- 59.50 Spur, projects W. approximately 30.00 chs. dist.; desc. 160 ft.
- 70.30 Ravine, drains W.; asc. 130 ft. to
- 80.00 On top of spur, projecting SW. about 35.00 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for cor. of secs. 16, 17, 20 and 21, with brass cap marked:

T17S	R24E
S17	S16
S20	S21
1925	

from which,

A pinon pine, 7 ins. diam., bears N.7°45'E., 34 lks. dist., marked T 17 S R 24 E S 16 B T.

A pinon pine, 10 ins. diam., bears S.10°30'E., 30 lks. dist., marked T 17 S R 24 E S 21 B T.

A cedar, 7 ins. diam., bears S.69°15'W., 47 lks. dist., marked T 17 S R 24 E S 20 B T.

A pinon pine, 4 ins. diam., bears N.33°45'W., 38 lks. dist., marked T 17 S R 24 E S 17 B T.

Land, steep general NE. side of a fork of East Canyon, with large boulders, outcroppings and series of broken and perpendicular ledges, S. 35.10 chs.; rough and abrupt general E. side of the same fork of East Canyon, with large boulders and surface rock exposed on nearly all of the N. 44.90 chs.; sandstone formation; general drainage SE.

Soil, shallow red sand and sandy loam, lying on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, sagebrush, yellow top, service berry bushes and buck brush.

Sparse growth of grass.

- Chas. S. 89°45'E., on a random line bet. secs. 16 and 21.
- 42.00 Set temp. $\frac{1}{4}$ sec. cor.
- 42.10 Intersect N. and S. line, 35 lks. S. of the cor. of
secs. 15, 16, 21 and 22.
- Thence,
West, on a true line bet. secs. 16 and 21.
- Desc. 320 ft., over rough NW. slope, along the S. side
of draw, draining S. 80°W., through a medium dense
growth of timber and scattering undergrowth.
- 15.70 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of
East Canyon, draining southeasterly; precipitous
ascent of 450 ft., over general NE. slope.
- 30.60 Perpendicular ledge, 35 ft. high, bears N. and S.
- 35.20 Spur, projects southeasterly approximately 30.00 chs.
dist.; desc. abruptly 75 ft. to $\frac{1}{4}$ sec. cor., over SW.
slope.
- 35.90 Top of broken and nearly perpendicular ledge, 40 ft.
high, bears NW. and SE.
- 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground to solid rock, and in a mound of stone, 4
ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:
- $$\begin{array}{r} \text{S. 16} \\ \frac{1}{4} \text{ } \\ \hline \text{S. 21} \\ 1925 \end{array}$$
- from which,
- A cedar limb, 4 ins. diam., bears N. 62°15'E., 66
lks. dist., marked $\frac{1}{4}$ S 16 B T.
- A cedar limb, 6 ins. diam., bears S. 47°15'E., 50
lks. dist., marked $\frac{1}{4}$ S 21 B T.
- 57.60 Fork of East Canyon, 210 ft. below $\frac{1}{4}$ sec. cor., drains
SE.; asc. precipitous NE. slope 490 ft.
- 65.20 Top of nearly perpendicular ledge, 30 ft. high, bears N.
and S.
- 69.00 Enter a heavy growth of timber, bears N. 25°W. and S. 25°E.
- 69.50 Ridge, bears N. 25°W. and S. 25°E.; desc. 110 ft. to sec.
cor., across the head of draw, draining SW.

Subdivision of T. 17 S., R. 24 E.

Chains.	
80.10	<p>The cor. of secs. 16, 17, 20 and 21.</p> <p>Land, steep and rugged with outcroppings, large boulders and numerous broken and perpendicular ledges of sandstone formation; general drainage SE. by East Canyon and forks of East Canyon.</p> <p>Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of East Canyon; 1st. rate.</p> <p>Timber, cedar and pinon pine.</p> <p>Undergrowth, shadscale, yellow top, buck brush, service berry bushes and mountain rush.</p> <p>Scattering growth of grass.</p>
	<p>N.0°03'W., bet. secs. 16 and 17.</p>
	<p>Desc. abrupt rough NW. slope 55 ft., through a heavy growth of timber and scattering undergrowth.</p>
5.20	<p>Ravine, drains SW.; asc. abruptly 220 ft.</p>
28.60	<p>Ridge, bears N.20°E. and SE.; spur, projects SW. approximately 30.00 chs. dist.; steep descent of 210 ft. to $\frac{1}{4}$ sec. cor., over NW. slope.</p>
29.10	<p>Leave heavy and enter a medium dense growth of timber, bears NE. and SW.</p>
38.90	<p>Top of broken and nearly perpendicular ledge, 30 ft. high, bears NE. and SW.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:</p>
	<div style="text-align: center;"> $\frac{1}{4}$ S 17 | S 16 1925 </div> <p>from which,</p>
	<p>A pinon pine, 3 ins. diam., bears S.77°E., 29 lks. dist., marked B T.</p>
	<p>A cedar, 18 ins. diam., bears S.63°W., 13 lks. dist., marked $\frac{1}{4}$ S 17 B T.</p>

Subdivision of T. 17 S., R. 24 E.

- Chains.
- 40.20 Base of descent, 15 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SW.; asc. abruptly 180 ft.
- 48.40 Same broken and nearly perpendicular ledge as noted at 38.90 chs., 30 ft. high, bears NW. and SE.
- 52.00 Top of ascent, bears NE. and SE.; precipitous descent of 280 ft.
- 66.30 Draw, drains NW.; asc. 55 ft.
- 70.30 Spur, projects NW. about 6.00 chs. dist.; desc. 50 ft.
- 73.30 Ravine, drains SW.; precipitous ascent of 295 ft., over SE. slope to sec. cor.
- 78.30 Top of broken and nearly perpendicular ledge, 80 ft. high, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked:

T17S	R24E
S8	S9
S17	S16
1925	

from which,

A cedar limb, 8 ins. diam., bears N.33°15'E., 71 lks. dist., marked T 17 S R 24 E S 9 B T.

A pinon pine, 10 ins. diam., bears S.88°45'E., 103 lks. dist., marked T 17 S R 24 E S 16 B T.

A pinon pine limb, 4 ins. diam., bears S.32°45'W., 76 lks. dist., marked T 17 S R 24 E S 17 B T.

A pinon pine, 10 ins. diam., bears N.76°45'W., 92 lks. dist., marked T 17 S R 24 E S 8 B T.

Land, abrupt and mountainous, draining SW. into a fork of East Canyon, thence S.; sandstone exposed in the form of large boulders, outcroppings and series of broken and perpendicular ledges, on entire mile.

Soil, shallow red sand and sandy loam, lying on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top, shadscale, buck brush, service berry bushes and mountain rush.

Poor to fair growth of grass.

Subdivision of T. 17 S., R. 24 E.

- Chains. East, on a random line bet. secs. 9 and 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line, 16 lks. S. of the cor. of
secs. 9, 10, 15 and 16.
- Thence,
S. $89^{\circ}53'W.$, on a true line bet. secs. 9 and 16.
- Over rough mountainous land, through a medium dense
growth of timber and undergrowth; desc. steep W. slope
175 ft.
- 6.10 Fork of East Canyon, from NW., drains S.; precipitous
ascent of 235 ft., over general NE. slope.
- 16.30 Spur, projects N. $15^{\circ}E.$ approximately 4.00 chs. dist.;
desc. gradually 15 ft.
- 23.60 Draw, from NW., drains NE.; asc. 180 ft., over NE. slope
- 29.40 Spur, projects SE.; abrupt ascent of 185 ft. to $\frac{1}{4}$ sec.
cor., across the head of ravine.
- 36.90 Perpendicular ledge, 20 ft. high, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in
the ground to solid rock, and in a mound of stone, 6
ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:
- $$\begin{array}{r} S\ 9 \\ \frac{1}{4} \\ \hline S\ 16 \\ 1925 \end{array}$$
- At the base of the monument, I deposit a sandstone,
10x6x4 ins., marked with a cross (X). All trees within
a reasonable distance are too scrubby for marking.
- 44.90 Head of the ravine, 80 ft. above $\frac{1}{4}$ sec. cor., drains SE.;
continue steep ascent of 285 ft., over general E.
slope.
- 48.10 Top of broken ledge, 40 ft. high, bears N. and S.
- 48.50 Enter a heavy growth of timber, bears N. and S.
- 56.80 Ridge, bears N. and S.; desc. W. slope 435 ft.
- 67.70 Perpendicular ledge, 55 ft. high, bears N. and S.; de-
scent becomes more abrupt, bearing changing from N.
and S. to NE. and SW.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 73.50 Head of ravine, drains SW.; asc. gradual SE. slope 20 ft. to
- 80.00 The cor. of secs. 8, 9, 16 and 17.
Land, abrupt sides of ravines and forks of East Canyon, draining generally to the SE.; entire mile rugged with large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation.
Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.
Timber, cedar and pinon pine.
Undergrowth, buck brush, service berry bushes, mountain rush, shadscale and yellow top.
Poor to an excellent growth of grass.
-
- N.0°03'W., bet. secs. 8 and 9.
Asc. abrupt rough SE. slope 80 ft., through a medium dense growth of timber and undergrowth.
- 3.70 Spur, projects S.80°W. approximately 15.00 chs. dist.; steep descent of 210 ft.
- 11.70 Ravine, from NE., drains S.80°W.; precipitous ascent of 390 ft., over S. slope.
- 14.70 Perpendicular ledge, 20 ft. high, bears E. and W.
- 20.80 Perpendicular ledge, 25 ft. high, bears E. and W., at the top of abrupt ascent, bearing E. and W.; asc. gradual S. slope 25 ft.
- 21.00 Enter a heavy growth of timber, bears E. and W.
- 27.00 Spur, projects W. about 15.00 chs. dist.; desc. 25 ft.
- 32.00 Ravine, drains S.70°W.; asc. precipitous S. slope 190 ft. to $\frac{1}{4}$ sec. cor., over series of broken and perpendicular ledges, 10 to 50 ft. high, bearing E. and W.
- 37.50 Perpendicular ledge, 40 ft. high, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, $\frac{1}{2}$ in. in diam., 4 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Subdivision of T. 17 S., R. 24 E.

Chains.

$\frac{1}{4}$
 S 8 | S 9
 1925

from which,

A pinon pine, 12 ins. diam., bears S.69°E., 100 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A cedar, 12 ins. diam., bears N.89°W., 15 lks. dist., marked $\frac{1}{4}$ S 8 B T.

42.50 Top of nearly perpendicular ledge, 50 ft. high, bears W. and E. about 70 lks. dist., thence S.60°E.; leave series of ledges, bears E. and W., at the top of abrupt ascent, bearing E. and W., 120 ft. above $\frac{1}{4}$ sec. cor.; asc. gradual S. slope 10 ft.

43.80 Ridge, bears E. and W.; desc. abruptly 70 ft.

47.80 Draw, drains N.70°W.; steep ascent of 45 ft.

52.10 Extreme W. point of barren and ledgy spur, from E.; abrupt descent of 65 ft.

56.50 Draw, drains S.70°W.; asc. abruptly 100 ft.

58.00 Top of sloping ledge, 50 ft. high, bears N.60°W. and S.60°E.

61.50 Spur, projects W. approximately 10.00 chs. dist.; desc. 15 ft.

73.60 Draw, drains S.70°W.; asc. SW. slope 25 ft. to

80.00 On top of ridge, bearing NE. and SE., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T17S	R24E
S5	S4
S8	S9
1925	

from which,

A pinon pine, 8 ins. diam.; bears N.73°45'E., 63 lks. dist., marked T 17 S R 24 E S 4 B T.

A pinon pine, 5 ins. diam., bears S.25°30'E., 37 lks. dist., marked T 17 S R 24 E S 9 B T.

A pinon pine, 8 ins. diam., bears S.14°W., 98 lks. dist., marked T 17 S R 24 E S 8 B T.

A pinon pine, 4 ins. diam., bears N.8°30'W., 85 lks. dist., marked T 17 S R 24 E S 5 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

From the ridge at this cor., a spur projects southwest-
erly.

Land; steep and rugged with large boulders, surface
rock, outcroppings and series of broken, sloping and
perpendicular ledges of sandstone formation; general
drainage W. into a fork of East Canyon, thence S., S.
43.80 chs.; N. 36.20 chs. drain generally SW. into
Bull Canyon.

Soil, shallow red sand and sandy loam, lying on a clay
subsoil or on bedrock; 3rd. and 4th. rate.

Timber; cedar and pinon pine; a few scattering balsam.

Undergrowth; oak and buck brush, service berry bushes,
mountain rush and sagebrush; medium dense on S. slopes;
dense on N. slopes.

Poor to fair growth of grass on S. slopes; good grazing
on N. slopes.

N.89°53'E., on a random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.84 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
3, 4, 9 and 10.

Thence,

S.89°51'W., on a true line bet. secs. 4 and 9.

Asc. precipitous rough general NE. slope 455 ft.,
through a medium dense growth of timber and under-
growth.

1.00 Top of broken ledge, 15 ft. high, bears N. and S.

3.40 Top of nearly perpendicular ledge, 50 ft. high, bears N.
and S.

18.00 Top of nearly perpendicular ledge, 20 ft. high, bears N.
and S.

19.00 Top of broken and sloping ledge, 15 ft. high, bears N.
and S.

19.50 Spur, projects S.10°E.; desc. abrupt general W. slope
250 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 21.80 Top of broken and sloping ledge, 30 ft. high, bears N. and S.
- 31.50 Fork of East Canyon, drains S.; asc. NE. slope 160 ft.
- 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 20 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 4 \\ \hline S\ 9 \\ 1925 \end{array}$$

from which,

A pinon pine, 9 ins. diam., bears N.38°E., 36 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A pinon pine, 6 ins. diam., bears S.5°W.; 39 lks. dist., marked $\frac{1}{4}$ S 9 B.T.

- 41.10 Perpendicular ledge, 30 ft. high, bears NE. and SW.
- 47.00 Spur, 90 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximately 6.00 chs. dist.; desc. 35 ft.
- 61.00 Ravine, drains SE.; asc. general SE. slope 230 ft. to sec. cor., along N. side of draw, draining E.
- 79.84 The cor. of secs. 4, 5, 8 and 9.
- Land, steep and rugged ravines and forks of East Canyon, draining SE.; sandstone exposed in the form of surface rock, large boulders, numerous outcroppings and series of broken and perpendicular ledges.
- Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.
- Timber, varies from a medium dense to a heavy growth of cedar and pinon pine; scattering balsam.
- Undergrowth, varies from a medium dense to a dense growth of oak and buck brush, service berry bushes, mountain rush and sagebrush.
- Poor to a fair growth of grass.

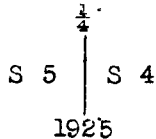
N.0°03'W., on a true line bet. secs. 4 and 5.

Desc. 75 ft. over NW. slope, through a heavy growth of timber and medium dense undergrowth.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 31.40 Draw, drains S.70°W.; asc. abruptly 25 ft.
- 32.50 Spur, projects S.70°W. approximately 20.00 chs. dist.;
desc. gradually 15 ft., over NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bedrock, and in a mound of stone, 4 ft.
base, 22 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:



from which,

A pinon pine, 6 ins. diam., bears N.61°30'E., 15
lks. dist., marked $\frac{1}{4}$ S 4 B T.

A cedar, 6 ins. diam., bears N.81°15'W., 33
lks. dist., marked $\frac{1}{4}$ S 5 B T.

- 58.00 Draw, 40 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. abrupt
general SW. slope 230 ft. to closing sec. cor., over
draws and low spurs putting W. and SW.
- 65.40 Top of sloping ledge, 25 ft. high, bears NW. and SE.
- 84.11 On top of a broken and nearly perpendicular ledge, 25
ft. high, bearing NW. and SE., intersect the S. bdy.
of sec. 33, T. 16 S., R. 24 E., east 33.27 chs. dist.
from the original cor. of secs. 4, 5, 32 and 33, Tps.
16 and 17 S., R. 24 E., which is an iron post, 2 ins.
in diam., extending 24 ins. above ground, firmly set
in a mound of stone, 5 ft. base, 1 $\frac{1}{2}$ ft. high, correct-
ly marked and witnessed by four bearing trees, one in
each sec., as described in the finished field notes
of the survey of the S. bdy. of T. 16 S., R. 24 E.,
Group No. 87. At the point of intersection, set an
iron post, 3 ft. long, 2 ins. in diam., 20 ins. in a
crevice of the ledge, and surround by a mound of stone,
5 ft. base, 1 ft. high, for closing cor. of secs. 4
and 5, T. 17 S., R. 24 E., with brass cap marked:

Subdivision of T. 17 S., R. 24 E.

Chains.

T16SR24E

S33

S5 S4

T17S R24E

CC

1925

from which,

A pinon pine, 10 ins. diam., bears S.76°45'E., 81

lks. dist., marked T 17 S R 24 E S 4 C C B T.

A cross (X) on the N. face of a sandstone boulder

5x4x3 ft., bears S.13°15'W., 33 lks. dist.;

boulder marked on N. face: T 17 S R 24 E S 5

C C X B O.

As the original cor. of secs. 4, 5, 32 and 33, Tps. 16

and 17 S., R. 24 E. now refers to secs. 32 and 33,

only, T. 16 S., R. 24 E., I destroy the markings per-

taining to secs. 4 and 5, T. 17 S., R. 24 E., on the

post and S. bearing trees.

Land, mountainous; line runs along the general W. slope

of ridge, over draws and spurs, putting W. and SW.;

outcroppings, and broken and perpendicular ledges of

sandstone formation, on N. $\frac{1}{2}$ mile; general drainage

SW. into Bull Canyon.

Soil, shallow red sand and sandy loam, lying on a clay

subsoil or on bedrock; 2nd. to 4th. rate.

Timber, cedar, pinon pine and balsam.

Undergrowth, oak and buck brush, service berry bushes,

mountain rush and sagebrush.

Poor to fair growth of grass.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy.

of the Tp., heretofore described in the finished field

notes of the survey of the N. bdy. of T. 16 S., R. 24

E., in this group,

N.0°03'W., bet. secs. 31 and 32.

Desc. abrupt rugged general NE. slope 305 ft., through

a scattering growth of cedar timber and service berry

undergrowth.

Subdivision of T. 17 S., R. 24 E.

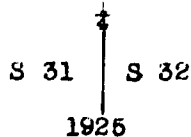
Chains.	
0.40	Top of a series of perpendicular ledges, 10 to 30 ft. high, bears northeasterly and northwesterly.
8.70	Base of the series of ledges, bears northeasterly and northwesterly.
9.00	Leave timber and service berry bushes, and enter dense undergrowth of sagebrush and greasewood, bears NE. and SW.
9.10	Base of abrupt descent, bears NE. and SW.; over nearly level bottom of Westwater Canyon.
11.60	S. bank of wash, 6 ft. high, bears NW. and SE.
12.30	Creek of clear water, 10 lks. wide, 4 ins. deep, drains easterly.
13.10	N. bank of the wash, 6 ft. high, bears NW. and SE.
13.30	Old road bears easterly to Roberson's ranch, thence southeasterly to the Pike's Peak-Ocean to Ocean Highway and W. to the top of the main divide of the Book Mountains.
18.30	Leave level bottom of canyon, bears NW. and SE.; leave greasewood, bears NW. and SE., continue through a medium dense growth of sagebrush; begin ascent of 90 ft., over SW. slope, through a scattering growth of cedar and pinon pine timber.
25.80	Spur, projects SE. approximately 8.00 chs. dist.; desc. NE. slope 115 ft.
30.50	Base of descent, bears NW. and SE.; enter dense undergrowth of greasewood and sagebrush, bears NW. and SE.; over nearly level bottom of Middle Canyon.
34.40	S. bank of dry wash, 6 ft. high, bears NW. and SE.
35.90	N. bank of the wash, 3 ft. high, bears NW. and SE.; wash drains SE.
37.30	S. bank of the same wash, 3 ft. high, bears NE. and SW.
39.00	N. bank of the wash, 6 ft. high, bears NE. and SW.; wash drains SW.
39.68	Barbed wire fence across bottom of canyon, bears approximately N.80°W. and S.80°E.

Subdivision of T. 17 S., R. 24 E.

Chains.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked:



from which,

A pinon pine, 8 ins. diam., bears N.76°30'W., 270 lks. dist., marked S 31 B T.

There are no other trees available; therefore, I raise a mound of stone, 3½ ft. base, 2 ft. high, W. of cor.

41.50 Leave bottom of canyon, bears NE. and SW.; leave dense undergrowth of sagebrush and greasewood, bears NE. and SW., and enter scattering growth of sagebrush; begin ascent of 100 ft., over SE. slope.

47.30 Spur, projects NE. approximately 5.00 chs. dist.; desc. 55 ft.

48.50 Draw, drains E.; asc. 35 ft.

50.50 Spur, slopes E. about 3.00 chs. dist.; desc. 65 ft.

53.60 Base of descent, bears E. and W.; enter dense undergrowth of sagebrush and greasewood, bears NW. and SE.; over level bottom of Middle Canyon.

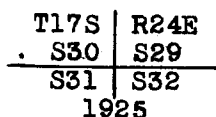
56.80 S. bank of dry wash, 5 ft. high, bears NW. and SE.

58.60 N. bank of the wash, 5 ft. high, bears NW. and SE.; wash drains SE.

63.60 Leave bottom of canyon, bears NW. and SE.; leave dense undergrowth of sagebrush and greasewood, bears NW. and SE.; begin precipitous ascent of 335 ft., over rough general SW. slope, through a scattering growth of sagebrush.

76.00 Spur, projects N.75°W. approximately 8.00 chs. dist.; desc. abrupt N. slope 95 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked:



Subdivision of T. 17 S., R. 24 E.

Chains

from which,

A cedar, 14 ins. diam., bears S.64°15'E., 49
lks. dist., marked T 17 S R 24 E S 32 B T.

A cedar limb, 12 ins. diam., bears S.56°45'W., 28
lks. dist., marked T 17 S R 24 E S 31 B T.

A cedar limb, 9 ins. diam., bears N.18°45'W., 107
lks. dist., marked T 17 S R 24 E S 30 B T.

As there are no trees available in sec. 29, I raise a
mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous with red and light colored sandstone
exposed in the form of large boulders, outcroppings,
and broken and perpendicular ledges; general drainage
SE.

Soil, shallow red sand, sandy loam or clay, lying on a
clay subsoil or on bedrock on slopes; 3rd. and 4th.
rate; sandy loam, several ft. deep, in the bottoms of
Westwater and Middle Canyons; 1st. rate.

Timber, cedar and pinon pine; one large cottonwood tree
near line in the bottom of Westwater Canyon.

Undergrowth, sagebrush, greasewood and service berry
bushes.

Scattering to a fair growth of grass.

N.89°53'E., on a random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
28, 29, 32 and 33.

Thence,

S.89°51'W., on a true line bet. secs. 29 and 32.

Asc. precipitous rugged SE. slope 80 ft., through a
scattering growth of timber and undergrowth.

2.20 Spur, projects SW. approximately 25.00 chs. dist.; desc.
abruptly 530 ft.

21.60 Leave scattering growth of sagebrush, yellow top and
shadscale and enter dense undergrowth of sagebrush,
bears NE. and SW., at the bottom of abrupt descent,

Subdivision of T. 17 S., R. 24 E.

Chains.	bearing NE. and SW.; over nearly level bottom of East Canyon.
25.40	E. bank of dry wash, 6 ft. high, bears N.20°E. and S.20°W.
26.60	W. bank of wash, 5 ft. high, bears N.20°E. and S.20°W.; wash, drains S.20°W.
28.60	Old road, bears N. and S.
30.70	Leave dense sagebrush undergrowth, bears N.25°E. and S.25°W., and enter a scattering growth of sagebrush, yellow top and shadscale.
30.80	Leave bottom of canyon, bears N.25°E. and S.25°W.; begin abrupt ascent of 155 ft., over NE. slope.
31.20	Perpendicular ledge, 50 ft. high, bears N.25°E. and S.25°W.
35.80	Spur, projects SE. about 8.00 chs. dist.; desc. SW. slope 40 ft. to
39.94	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap marked:
	<div style="text-align: right;"> S 29 <hr style="width: 50px; margin: 0 auto;"/> S 32 1925 </div>
	At the base of the monument, I deposit a sandstone, 8x5x4 ins., marked with a cross (X). Other accessories impracticable..
44.50	Ravine, 90 ft. below ¼ sec. cor., drains SE.; asc. precipitous NE. slope 410 ft.
60.30	Ridge, bears N.10°W. and S.10°E.; desc. abruptly 420 ft. to sec. cor., over general W. slope, along the S. side of draw, draining W.
79.88	The cor. of secs. 29, 30, 31 and 32.
	Land, steep sides of East and Middle Canyons, which drain generally SW. and SE. into Westwater Canyon; rugged with large boulders, outcroppings and series of broken and perpendicular ledges of sandstone formation.

Subdivision of T. 17 S., R. 24 E.

Chains.

Soil, shallow red sand or clay, lying on a clay subsoil or on bedrock; 4th. rate; sandy loam, several ft. deep, in the bottom of East Canyon; 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top and shadscale.

Sparse growth of grass.

S. $89^{\circ}53'W.$, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

83.09 Intersect the W. bdy. of the Tp., 10 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence,

N. $89^{\circ}57'E.$, on a true line bet. secs. 30 and 31.

Asc. gradual rough NW. slope 5 ft., through a heavy growth of timber and medium dense undergrowth.

1.50 Top of ascent, bears NE. and SW.; desc. gradually 10 ft.

2.10 Ravine, drains SW. about 2.00 chs. dist., thence W.; asc. abruptly 220 ft.

6.90 Top of broken ledge, 15 ft. high, bears northwesterly and southwesterly.

19.20 Spur, projects SW.; desc. 35 ft.

23.30 Draw, drains SW.; asc. 35 ft.

28.10 Ridge, bears N. and S.; precipitous descent of 445 ft., over rugged E. slope, across the head of ravine, draining NE.

28.50 Top of nearly perpendicular ledge, 20 ft. high, bears N. $15^{\circ}W.$ and S. $15^{\circ}E.$

29.20 Perpendicular ledge, 30 ft. high, bears N. $15^{\circ}W.$ and S. $15^{\circ}E.$

35.00 Perpendicular ledge, 15 ft. high, bears N. $15^{\circ}W.$ and S. $15^{\circ}E.$

42.70 Spur, projects N. $80^{\circ}E.$ approximately 30.00 chs. dist.; desc. SE. slope 75 ft. to

43.09 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 6 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.	
	base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 30 \\ \hline \frac{1}{4} \\ S\ 31 \\ 1925 \end{array}$
	from which,
	A pinon pine, 7 ins. diam., bears N.75°E., 37 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	A pinon pine, 6 ins. diam., bears S.1°15'W., 33 lks. dist., marked $\frac{1}{4}$ S 31 B T.
50.70	Draw, 245 ft. below $\frac{1}{4}$ sec. cor., drains N.80°E.; asc. 20 ft. along S. side of the draw,
50.90	Leave heavy and enter a scattering growth of timber, bears N.80°E. and S.80°W.
52.30	Top of ascent, bears S.60°E. and S.60°W.; desc. 290 ft. along the S. side of the same draw.
58.00	Leave undergrowth of buck brush, service berry bushes and mountain rush, bears NW. and SE.
67.20	Leave timber at the mouth of the draw noted at 50.70 chs.; draw drains from NW. to SE.
67.40	Descent becomes more gradual, bearing NE. and SW.; enter the bottom of Middle Canyon.
71.40	Dry wash, 40 lks. wide, 8 ft. deep, drains S.; asc. gradually 10 ft. to
72.90	Leave bottom of Middle Canyon, bears NE. and SW.; begin ascent of 35 ft., over NW. slope.
75.70	Top of ascent, bears NE. and SW.; desc. 10 ft.
76.70	Draw, drains SW.; steep ascent of 70 ft. to sec. cor.
80.00	Top of broken ledge, 20 ft. high, bears NE. and SW.
83.09	The cor. of secs. 29, 30, 31 and 32.
	Land, abrupt and mountainous; surface rock, outcroppings and broken and perpendicular ledges of sandstone formation exposed on greater portion of mile; W. 28.10 chs. drain SW. into Westwater Canyon; remainder of mile drains generally E. and W. into Middle Canyon, thence S.

Subdivision of T. 17 S., R. 24 E.

Chains.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of Middle Canyon, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, oak and buck brush, service berry bushes, mountain rush, shadscale and sagebrush.

Scattering to a fair growth of grass.

N.0°03'W., bet. secs. 29 and 30.

Over rough mountainous land, through a scattering growth of timber and undergrowth; desc. N. slope 10 ft.

3.50 Draw, drains W.; steep ascent of 210 ft.

6.50 Perpendicular ledge, 20 ft. high, bears E. and W.

8.70 Spur, projects W. approximately 12.00 chs. dist.; desc. abruptly 195 ft.

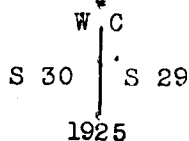
15.80 Draw, drains W.; precipitous ascent of 225 ft.

21.60 Spur, projects W. about 15.00 chs. dist.; desc. 35 ft.

23.10 Draw, drains W.; abrupt ascent of 180 ft.

30.90 Spur, projects S.60°W. approximately 15.00 chs. dist.; desc. NW. slope 65 ft. to

39.55 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 16 ins. high, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 10 ins. diam., bears N.31°E., 27

lks. dist., marked W C $\frac{1}{4}$ S 29 B T.

A cedar, 16 ins. diam., bears S.6°W., 41

lks. dist., marked W C $\frac{1}{4}$ S 30 B T.

40.00 The true point for the $\frac{1}{4}$ sec. cor. falls in the bottom of a draw, draining S.70°W., 15 ft. below the witness $\frac{1}{4}$ sec. cor.; impracticable to establish a monument at

Subdivision of T. 17 S., R. 24 E.

Chains.

- the true cor. point.
- 42.70 Spur, 70 ft. above the true point for $\frac{1}{4}$ sec. cor., projects S.70°W. about 6.00 chs. dist.; steep descent of 15 ft.
- 45.10 Head of draw, drains S.70°W.; abrupt ascent of 115 ft.
- 49.00 Spur forks, projecting N.80°W. approximately 18.00 chs. dist. and S.80°W. about 18.00 chs. dist.; desc. abruptly 145 ft.
- 59.40 Draw, drains W.; asc. precipitous general SW. slope 440 ft.
- 65.00 Perpendicular ledge, 30 ft. high, bears N.60°W. and S.60°E.
- 68.50 Perpendicular ledge, 80 ft. high, bears NW. and SE..
- 70.00 Enter a medium dense growth of timber, bears NW. and SE.
- 75.90 Spur, projects N.80°W. approximately 20.00 chs. dist.; abrupt descent of 135 ft., over N. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 10 ins. high, for cor. of secs. 19, 20, 29 and 30, with brass cap marked:

T17S	R24E
S19	S20
S30	S29
1925	

from which,

- A pinon pine, 7 ins. diam., bears N.22°30'E., 66 lks. dist., marked T 17 S R 24 E S 20 B T.
- A pinon pine, 7 ins. diam., bears S.39°E., 68 lks. dist., marked T 17 S R 24 E S 29 B T.
- A pinon pine, 16 ins. diam., bears S.28°45'W., 34 lks. dist., marked T 17 S R 24 E S 30 B T.
- A pinon pine, 6 ins. diam., bears N.87°W., 53 lks. dist., marked T 17 S R 24 E S 19 B T.

Land, steep and mountainous; line runs along the abrupt E. side of Middle Canyon over large boulders, outcroppings and series of broken and perpendicular ledges, 10 to 80 ft. high; sandstone formation; general drainage W. to Middle Canyon, thence S.

Subdivision of T. 17 S., R. 24 E.

Chains.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.
 Timber, cedar and pinon pine.
 Undergrowth, shadscale, yellow top, buck brush, service berry bushes and mountain rush.
 Poor to a fair growth of grass.

N. 89° 51' E.; on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line; 21 lks. N. of the true point for cor. of secs. 20, 21, 28 and 29, or 79 lks. S. of the witness cor. for secs. 20, 21, 28 and 29.

Thence, from the true cor. point,

West, on a true line bet. secs. 20 and 29.

Asc. steep rough general NE. slope 370 ft., through a medium dense growth of timber and undergrowth.

11.30 Top of abrupt ascent, bears SE. and SW.; asc. more gradually 310 ft.

27.20 Cross head of draw, draining NE.; precipitous ascent of 300 ft., over E. slope.

32.50 Top of broken ledge, 20 ft. high, bears N. and S.

34.20 Top of broken ledge, 50 ft. high, bears N. and S.; enter a heavy growth of timber, bears N. and S.; asc. more gradual NE. slope 65 ft. to

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 20 \\ \frac{1}{4} \\ \hline S\ 29 \\ 1925 \end{array}$$

from which,

A pinon pine, 14 ins. diam., bears N. 73° W., 49 lks. dist., marked $\frac{1}{4}$ S 20 B T.

A pinon pine, 12 ins. diam., bears S. 27° 45' W., 98 lks. dist., marked $\frac{1}{4}$ S 29 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 45.70 Ridge, 25 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc. NW. slope 75 ft.
- 53.00 Draw, drains SW.; asc. 10 ft.
- 53.70 Spur, projects SW. approximately 2.50 chs. dist.; desc. 35 ft.
- 56.50 Draw from N., drains SW.; asc. SE. slope 15 ft.
- 58.60 Spur, projects southwesterly; desc. 85 ft.
- 65.10 Draw, drains N. about 3.00 chs. dist., thence westerly; asc. 15 ft.
- 66.50 Top of ascent, bears N. and S.; desc. 40 ft.
- 71.80 Top of broken and sloping ledge, 20 ft. high, bears SW. and NE. approximately 2.00 chs. dist., thence NW.; begin abrupt descent of 155 ft., bearing of slope changing from N. and S. to NE. and SW.
- 76.50 Draw, drains NW. about 3.00 chs. dist., thence westerly; asc. 10 ft.
- 78.90 Top of ascent, bears NW. and SE.; desc. general N. slope 15 ft. to
- 79.86 The cor. of secs. 19, 20, 29 and 30.
- Land, abrupt W. side of a fork of East Canyon and abrupt E. side of the main fork of Middle Canyon; sandstone exposed in the form of outcroppings and broken and perpendicular ledges, on greater portion of mile; drainage SE. into East Canyon, E. 45.70 chs.; remainder of mile drains W. into Middle Canyon.
- Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.
- Timber, cedar and pinon pine; scattering mahogany.
- Undergrowth, buck brush, service berry bushes, mountain rush and sagebrush.
- Good growth of grass on greater portion of mile.

S. 89° 57' W., on a random line bet. secs. 19 and 30.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 82.95 Intersect the W. bdy. of the Tp., 17 lks. N. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Subdivision of T. 17 S., R. 24 E.

Chains.	
	Thence, N.89°50'E., on a true line bet. secs. 19 and 30. Over rough mountainous land, through a heavy growth of timber and medium dense undergrowth; asc. N. slope 270 ft., along S. side of ravine, draining W. 15.80 Ridge, bears N. and S.; desc. precipitous general E. slope 340 ft. 18.80 Perpendicular ledge, 30 ft. high, bears N. and S. 21.70 Top of broken and nearly perpendicular ledge, 30 ft. high, bears N. and S. 23.60 Perpendicular ledge, 20 ft. high, bears N. and S. 27.80 Ravine, drains NE.; asc. 20 ft. 32.30 Spur, projects N. approximately 5.00 chs. dist.; desc. 70 ft. 35.00 Draw, drains N.; asc. 55 ft. 38.80 Spur, projects N.70°E. about 25.00 chs. dist.; leave heavy growth of timber and enter scattering, bears NE. and SW.; precipitous descent of 180 ft. to $\frac{1}{4}$ sec. cor., over SE. slope. 40.30 Top of broken and perpendicular ledge, 25 ft. high, bears N.20°E. and S.20°W. 41.90 Top of nearly perpendicular ledge, 20 ft. high, bears N.20°E. and S.20°W. 42.95 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 7 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: center;"> $\begin{array}{r} S\ 19 \\ \frac{1}{4} \\ \hline S\ 30 \\ 1925 \end{array}$ </div> All trees available are too scrubby for marking; there- fore, at the base of the monument, I deposit a sand- stone, 10x5x4 ins., marked with a cross (X). 44.90 Top of broken ledge, 20 ft. high, bears NE. and SW. 50.90 Top of nearly perpendicular ledge, 30 ft. high, bears NE. and SW.

Subdivision of T. 17 S., R. 24 E.

Chains.	
58.00	Leave timber.
58.30	Leave medium dense growth of buck brush, service berry bushes and mountain rush, bears NE. and SW., and enter dense tall undergrowth of sagebrush, at the bottom of abrupt descent, bearing NE. and SW., 530 ft. below $\frac{1}{4}$ sec. cor.; over nearly level bottom of Middle Canyon.
61.40	Dry wash, 110 lks. wide, 15 ft. deep, drains S.15°E.
63.20	Leave sagebrush and enter a medium dense growth of buck brush, service berry bushes and mountain rush, bears NW. and SE.; leave bottom of canyon, bears NW. and SE. begin abrupt ascent of 620 ft. to sec. cor., over general N. slope, through scattering timber.
65.80	Top of broken and nearly perpendicular ledge, 30 ft. high, bears NW. and SE.
76.90	Top of broken ledge, 20 ft. high, bears NE. and SW.
82.95	The cor. of secs. 19, 20, 29 and 30. Land, steep and mountainous; numerous sandstone boulders, outcroppings and ledges; W. 15.80 chs. drain generally SW. into Westwater Canyon; drainage E. and W. into Middle Canyon, E. 67.15 chs. Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of Middle Canyon 1st. rate. Timber, cedar and pinon pine. Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush. Poor to an excellent growth of grass.
<hr/>	
	N.0°03'W., bet. secs. 19 and 20. Desc. steep N. slope 110 ft., through a scattering growth of timber and medium dense undergrowth.
2.80	Draw, drains W.; asc. precipitous SW. slope 290 ft.
10.80	Perpendicular ledge, 25 ft. high, bears NW. and SE.
11.50	Top of broken and nearly perpendicular ledge, 50 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

high, bears NW. and SE., at the top of abrupt ascent, bearing NW. and SE.; asc. gradual S. slope 10 ft.

11.70 Enter a heavy growth of timber, bears NW. and SE.

17.40 Top of ascent, bears E. and W.; desc. 15 ft.

20.60 Draw, drains W.; asc. 35 ft.

23.30 Spur, projects westerly approximately 25.00 chs. dist.; desc. 95 ft.

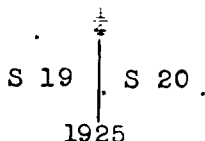
30.90 Draw, drains NW.; asc. 15 ft.

32.00 Spur, slopes W. about 1.50 chs. dist.; desc. 15 ft.

32.70 Draw, drains SW.; asc. 45 ft.

36.70 Spur, projects W. approximately 25.00 chs. dist.; desc. gradually 15 ft., over NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base, 10 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A pinon pine limb, 7 ins. diam., bears S.75°E., 58 lks. dist., marked $\frac{1}{4}$ S 20 B T.

A pinon pine, 10 ins. diam., bears S.39°45'W., 41 lks. dist., marked $\frac{1}{4}$ S 19 B T.

42.40 Top of broken ledge, 15 ft. high, bears NE. and SW., at the top of abrupt descent, bearing NE. and SW., 20 ft. below $\frac{1}{4}$ sec. cor.

43.70 Top of broken and nearly perpendicular ledge, 15 ft. high, bears NE. and SW.

46.70 Ravine, 150 ft. below top of abrupt descent, drains W. about 8.00 chs. dist., thence southwesterly; steep ascent of 150 ft., over S. slope.

50.40 Top of broken and sloping ledge, 70 ft. high, bears NW. and SE., at the top of abrupt ascent, bearing E. and W.; asc. gradual S. slope 15 ft.

53.20 Spur, projects W. approximately 12.00 chs. dist.; desc. gradual N. slope 15 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 58.00 Top of broken and sloping ledge, 60 ft. high, bears E. and SW.; begin precipitous descent of 265 ft., over slope.
- 64.20 Ravine, drains W.; asc. abruptly 190 ft., over S. slope
- 70.60 Top of steep ascent; bears E. and W.; asc. more gradual SE. slope 65 ft.
- 72.70 Spur, projects southwesterly about 10.00 chs. dist.; desc. 40 ft.
- 76.50 Draw, drains SW.; asc. SE. slope 50 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 1 ft. high, for cor. of secs. 17, 18, 19 and 20, with brass cap marked:

T17S	R24E
S18	S17
S19	S20
1925	

from which,

A cedar, 16 ins. diam., bears N.13°15'E., 53 lks. dist., marked T 17 S R 24 E S 17 B T.

A pinon pine limb, 7 ins. diam., bears S.54°15'E., 43 lks. dist., marked T 17 S R 24 E S 20 B T.

A pinon pine limb, 7 ins. diam., bears S.48°15'W., 94 lks. dist., marked T 17 S R 24 E S 19 B T.

A pinon pine, 9 ins. diam., bears N.38°30'W., 68 lks. dist., marked T 17 S R 24 E S 18 B T.

Land, line passes over steep and rugged draws and ravines on the E. side of Middle Canyon; sandstone exposed in the form of large boulders, outcroppings and broken, sloping and perpendicular ledges, 15 to 70 ft. high; drainage W. and SW. into Middle Canyon, thence S. Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate. Timber, cedar and pinon pine; a few scattering mahogany. Undergrowth, buck brush, service berry bushes, mountain rush and sagebrush. Poor to fair growth of grass on S. slopes; good grazing on N. slopes.

Subdivision of T. 17 S., R. 24 E.

Chains.

East, on a random line bet. secs. 17 and 20.

42.00 Set temp. $\frac{1}{2}$ sec. cor.

70.94 Intersect N. and S. line, 11 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence,

N.89°55'W., on a true line bet. secs. 17 and 20.

Over rough mountainous land, through a heavy growth of timber and scattering undergrowth; desc. abrupt NW. slope 210 ft.

9.30 Ravine, drains SW.; asc. 95 ft.

14.80 Spur, projects SW. approximately 15.00 chs. dist.; desc. abruptly 285 ft.

28.10 Fork of East Canyon, drains S.; asc. precipitous NE. slope 280 ft. to

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{2}$ sec. cor., with brass cap marked:

S 17
 $\frac{1}{2}$ S 20
1925

from which,

A pinon pine, 8 ins. diam., bears N.9°W., 15 lks. dist., marked $\frac{1}{2}$ S 17 B T.

A cedar, 5 ins. diam., bears S.22°W., 22 lks. dist., marked $\frac{1}{2}$ S 20 B T.

43.60 Spur, 65 ft. above $\frac{1}{2}$ sec. cor., projects SE. about 15.00 chs. dist.; desc. 15 ft.

46.00 Ravine, drains SE.; asc. abruptly 230 ft., over E. slope.

57.10 Ridge, bears N. and S.; desc. W. slope 65 ft.

63.70 Draw, drains SW.; asc. 20 ft.

69.20 Spur, projects SW.; desc. 140 ft..

76.20 Top of broken and sloping ledge, 40 ft. high, bears N.10°W. and S.10°E.

76.60 Draw, drains SW.; asc. SE. slope 15 ft. to

79.94 The cor. of secs. 17, 18, 19 and 20.

Subdivision of T. 17 S., R. 24 E.

Chains.

Land, abrupt and mountainous, with sandstone exposed in the form of surface rock, large boulders, outcroppings and numerous broken, sloping and perpendicular ledges drainage SW. and SE. into a fork of East Canyon, thence S., E. 57.10 chs.; W. 22.84 chs. drain SW. into Middle Canyon.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, varies from a scattering to a medium dense growth of buck brush, service berry bushes and mountain rush.

Poor to a fair growth of grass.

S.89°50'W., on a random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

82.93 Intersect the W. bdy. of the Tp., 22 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence,

N.89°59'E., on a true line bet. secs. 18 and 19.

Over mountainous land, through a medium dense growth of timber and undergrowth; desc. precipitous general E. slope 425 ft., over large boulders and series of broken and perpendicular ledges, 20 to 60 ft. high, bearing N. and S

1.50 Top of nearly perpendicular ledge, 25 ft. high, bears N. and S.

3.10 Top of broken and sloping ledge, 60 ft. high, bears N. and S.

9.40 Leave medium dense growth of timber and enter scattering, bears N.20°E. and S.20°W.

9.70 Leave medium dense growth of buck brush, service berry bushes, mountain rush and sagebrush, and enter dense tall undergrowth of sagebrush and greasewood, bears N.20°E. and S.20°W., at the bottom of abrupt descent, bearing N.20°E. and S.20°W.; over level bottom of

Subdivision of T. 17 S., R. 24 E.

Chains.

Middle Canyon.

- 13.70 Leave undergrowth of sagebrush and greasewood, bears NW. and SW.
- 14.00 Dry wash, from NW., 50 lks. wide, 4 ft. deep, drains SW. about 4.00 chs. dist., thence southeasterly.
- 14.30 Leave bottom of Middle Canyon, bears NE. and SW.; begin abrupt ascent of 80 ft., over NW. slope, through scattering growth of sagebrush.
- 16.00 Ridge, bears northeasterly and southwesterly; steep descent of 60 ft.
- 18.20 Bull Canyon, drains SW.; asc. abrupt NW. slope 375 ft.
- 18.90 Leave sagebrush and enter a medium dense growth of oak and buck brush, service berry bushes and mountain rush, bears NE. and SW.
- 22.10 Perpendicular ledge, 40 ft. high, bears N.15°E. and S.15°W.
- 24.30 Perpendicular ledge, 55 ft. high, bears N.15°E. and S.15°W.
- 26.30 Enter a heavy growth of timber, bears NE. and SW.
- 28.40 Spur, projects southwesterly about 12.00 chs. dist.; steep descent of 40 ft.
- 30.60 Ravine, drains SW.; asc. 165 ft.
- 38.40 Spur, projects southwesterly approximately 20.00 chs. dist.; desc. 30 ft.
- 41.40 Ravine, drains SW.; asc. abrupt NW. slope 55 ft. to
- 42.93 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 18 \\ \frac{1}{4} \text{ --- } \\ S\ 19 \\ 1925 \end{array}$$
- from which,
- A pinon pine limb, 5 ins. diam., bears N.78°E., 35 lks. dist., marked $\frac{1}{4}$ S 18 B T.
- A pinon pine, 7 ins. diam., bears S.89°30'E., 13 lks. dist., marked $\frac{1}{4}$ S 19 B T.
- 44.50 Spur, 45 ft. above $\frac{1}{4}$ sec. cor., projects southwesterly about 20.00 chs. dist.; desc. 55 ft.

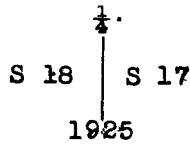
Subdivision of T. 17 S., R. 24 E.

Chains.	
47.80	Draw, drains SW.; asc. 45 ft.
51.50	Spur, projects southwesterly approximately 25.00 chs. dist.; desc. 15 ft.
53.10	Draw, drains SW.; asc. 55 ft.
57.80	Spur, projects southwesterly about 30.00 chs. dist.; desc. 55 ft.
64.70	Draw, drains SW.; asc. 20 ft.
67.60	Spur, projects S. approximately 17.00 chs. dist.; desc. abruptly 110 ft.
71.00	Perpendicular ledge, 20 ft. high, bears N. and S.
72.90	Ravine, drains S.; asc. NW. slope 125 ft.
77.80	Perpendicular ledge, 25 ft. high, bears N.30°W. and S.30°E.
81.90	Spur, projects southwesterly about 12.00 chs. dist.; desc. SE. slope 10 ft. to
82.93	The cor. of secs. 17, 18, 19 and 20.
	Land, steep and rugged mountains; sandstone formation; drainage E. and SW. into Middle Canyon, thence southeasterly.
	Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate; sandy loam, several ft. deep, in the bottom of Middle Canyon; 1st. rate.
	Timber, cedar and pinon pine.
	Undergrowth, buck brush, service berry bushes, sagebrush, greasewood, mountain rush and oak brush.
	Poor to a fair growth of grass.
	N.0°03'W., bet. secs. 17 and 18.
	Asc. rough SE. slope 265 ft., through a heavy growth of timber and medium dense undergrowth.
18.40	Spur, projects SW.; desc. abruptly 60 ft.
22.00	Ravine, drains SW.; asc. SE. slope 285 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap

Subdivision of T. 17 S., R. 24 E.

Chains.

marked:



from which,

A pinon pine, 6 ins. diam., bears S.51°30'E., 17
lks. dist., marked $\frac{1}{4}$ S 17 B T.

A pinon pine, 8 ins. diam., bears N.83°30'W., 52
lks. dist., marked $\frac{1}{4}$ S 18 B T.

- 49.60 Top of broken ledge, 25 ft. high, bears N.70°W. and
S.70°E.; timber becomes scattering, bearing E. and W.
- 49.70 Spur, 135 ft. above $\frac{1}{4}$ sec. cor., projects S.70°W. approx-
imately 15.00 chs. dist., then forks northwesterly and
southwesterly; desc. 20 ft.
- 52.10 Head of ravine, drains W.; abrupt ascent of 90 ft.
- 59.90 Top of broken ledge, 30 ft. high, bears southeasterly
and southwesterly.
- 60.10 Spur, projects W. about 40.00 chs. dist.; desc. precipi-
tous NW. slope 450 ft., over series of broken and per-
pendicular ledges, 20 to 40 ft. high, bearing NE. and
SW.
- 60.30 Perpendicular ledge, 40 ft. high, bears NE. and SW.
- 70.00 Leave series of ledges, bears NE. and SW.
- 74.00 Head of rugged ravine, drains W.; asc. steep SW. slope
55 ft.
- 78.20 Spur, slopes W. about 5.00 chs. dist.; desc. 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 7, 8, 17 and 18, with
brass cap marked:

T17S	R24E
S7	S8
S18	S17
1925	

from which,

A pinon pine, 18 ins. diam., bears N.67°15'E., 62
lks. dist., marked T 17 S R 24 E S 8 B T.

A pinon pine, 4 ins. diam., bears S.18°45'E., 45
lks. dist., marked T 17 S R 24 E S 17 B T.

Subdivision of T. 17 S., R. 24 E.

Chains.

A pinon, pine, 10 ins. diam., bears S. 69°45'W., 10
lks. dist., marked T 17 S R 24 E S 18 B T.

A cedar, 14 ins. diam., bears N. 50°15'W., 31
lks. dist., marked T 17 S R 24 E S 7 B T.

Land, steep and mountainous; rugged with surface rock,
large boulders and series of broken and perpendicular
ledges; sandstone formation; drainage W. and SW. into
Middle and Bull Canyons.

Soil, shallow red sand and sandy loam, lying on bedrock
3rd. and 4th. rate.

Timber, cedar and pinon pine; a few scattering mahogany
Undergrowth, buck brush, service berry bushes, mountain
rush, yellow top, oak brush and sagebrush.

Poor grazing land, S. 60.10 chs.; good growth of grass,
on N. 19.90 chs.

S. 89°55'E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
8, 9, 16 and 17.

Thence,

N. 89°54'W., on a true line bet. secs. 8 and 17.

Over rough mountainous land, through a medium dense
growth of timber and undergrowth; asc. gradual SE.
slope 10 ft.

1.00 Spur, projects SW. approximately 7.00 chs. dist.; steep
descent of 315 ft., over general W. slope.

2.50 Perpendicular ledge, 65 ft. high, bears N. 20°W. and
S. 20°E.

6.10 Perpendicular ledge, 30 ft. high, bears N. 20°W. and
S. 20°E.

9.60 Fork of East Canyon, drains S.; asc. precipitous SE.
slope 165 ft.

13.20 Top of broken and perpendicular ledge, 25 ft. high,
bears northwesterly and southwesterly.

Subdivision of T. 17 S., R. 24 E.

- 14.40 Spur, projects NE. about 2.50 chs. dist.; desc. 15 ft.
 20.50 Draw, drains NE.; asc. abrupt general E. slope 580 ft.
 30.00 Top of sloping ledge, 100 ft. high, bears N. and S.;
 continue precipitous ascent over series of broken,
 sloping and perpendicular ledges, 10 to 30 ft. high,
 bearing N. and S.
 35.00 Spur, projects S. approximately 70.00 chs. dist.; desc.
 abrupt W. slope 130 ft. to $\frac{1}{4}$ sec. cor.
 39.00 Leave series of ledges, bears N. and S.; enter a heavy
 growth of timber, bears N. and S.
 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, and in a mound of stone, 5 ft.
 base, 14 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap
 marked:

$$\begin{array}{r}
 S\ 8 \\
 \frac{1}{4} \\
 \hline
 S\ 17 \\
 1925
 \end{array}$$

from which,

A pinon pine, 7 ins. diam., bears N. $6^{\circ}45'W.$, 21
 lks. dist., marked $\frac{1}{4}$ S 8 B T.

A pinon pine, 14 ins. diam., bears S. $54^{\circ}45'E.$, 24
 lks. dist., marked $\frac{1}{4}$ S 17 B T.

- 45.10 Top of sloping and broken ledge, 15 ft. high, bears NW.
 and SE.
 47.60 Ravine, 95 ft. below $\frac{1}{4}$ sec. cor., drains S. about 8.00
 chs. dist., thence southeasterly; asc. 75 ft.
 50.00 Top of sloping and broken ledge, 40 ft. high, bears NE.
 and SW.
 58.80 Spur, projects S. approximately 7.00 chs. dist.; desc.
 45 ft.
 62.70 Draw, drains S. about 4.00 chs. dist., thence southeast-
 erly; asc. 110 ft.
 67.80 Spur, projects S, approximately 5.00 chs. dist.; desc.
 15 ft.
 71.40 Draw, drains S. about 4.00 chs. dist., thence SE.; asc.
 E. slope 35 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 73.40 Ridge, bears N. and S.; leave heavy growth of timber, bears N. and S., and enter scattering; desc. precipitous W. slope 315 ft. to sec. cor., over series of broken, sloping and perpendicular ledges, 10 to 40 ft. high, bearing N. and S.
- 79.92 The cor. of secs. 7, 8, 17 and 18. .
Land, steep and mountainous; entire mile rough with sandstone boulders, outcroppings, surface rock and ledges; general drainage S. by forks of East Canyon, E. 73.40 chs.; remainder of mile drains W. into Bull Canyon.
Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.
Timber, cedar and pinon pine; scattering balsam.
Undergrowth, buck brush, service berry bushes, oak brush mountain rush and sagebrush.
Excellent growth of grass on greater portion of mile.
-
- S.89°59'W., on a random line bet. secs. 7 and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor..
- 82.77 Intersect the W. bdy. of the Tp., 15 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described. .
Thence,
S.89°65'E., on a true line bet. secs. 7 and 18. .
Over rugged mountainous land, through a scattering growth of timber and medium dense undergrowth; asc. 710 ft. over N. slope of spur or along S. side of ravine, draining SW.
- 20.60 Top of broken ledge, 15 ft. high, bears NE. and SW.
- 25.30 Ridge, bears N. and S.; desc. 120 ft.
- 29.00 Draw, drains S.20°E.; asc. gradually 10 ft.
- 30.30 Spur, projects S.20°E. about 30.00 chs. dist.; desc. 95 ft.
- 34.00 Perpendicular ledge, 15 ft. high, bears N. and S.
- 35.30 Draw, drains S.20°E.; asc. gradually 10 ft. .

Subdivision of T. 17 S., R. 24 E.

- Chains.
- 38.10 Spur, projects S.29°E. approximately 20.00 chs. dist.; desc. 160 ft.
- 38.20 Draw, drains S.29°E.; asc. 25 ft.
- 41.20 Spur, projects S.20°E. about 12.00 chs. dist.; desc. NE. slope 65 ft. to
- 42.77 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 7 \\ \hline \frac{1}{4} \\ S\ 18 \\ 1925 \end{array}$$
- from which,
- A pinon pine, 4 ins. diam., bears N.29°E., 68 lks. dist., marked $\frac{1}{4}$ S 7 B T.
- A cedar, 8 ins. diam., bears S.17°W., 89 lks. dist., marked $\frac{1}{4}$ S 18 B T.
- 45.40 Draw, 110 ft. below $\frac{1}{4}$ sec. cor., drains S.20°E.; asc. 20 ft.
- 46.40 Spur, projects S.20°E. approximately 8.00 chs. dist.; abrupt descent of 155 ft.
- 51.30 Enter a heavy growth of timber, bears N.30°E. and S.30°W.
- 51.70 Bull Canyon, drains southwesterly; asc. 45 ft.
- 53.50 Spur, slopes N.20°W. about 1.50 chs. dist.; desc. 30 ft.
- 55.60 Ravine, drains NW. about 1.50 chs. dist. into Bull Canyon; asc. abrupt general NW. slope 370 ft.
- 56.00 Leave heavy growth of timber and enter scattering, bears NE. and SW.
- 56.30 Perpendicular ledge, 50 ft. high, bears N. and S.
- 66.00 Spur, projects SW. approximately 1.50 chs. dist., then forks SW. about 4.00 chs. dist. and W. about 10.00 chs. dist.; desc. 25 ft.
- 70.50 Draw, drains SW.; asc. 205 ft.
- 77.40 Spur, projects SW. approximately 5.00 chs. dist.; desc. gradually 20 ft.
- 81.60 Draw, drains SW.; asc. precipitous general SW. slope 65 ft. to
- 82.77 The cor. of secs. 7, 8, 17 and 18.

Chains.

Land, steep and mountainous; rough with large boulders outcroppings and ledges; sandstone formation; drainage SW. into Middle Canyon, thence southeasterly, W. 25.30 chs.; E. 57.47 chs. drain into Bull Canyon, thence SW.

Soil, shallow red sand, sandy loam or clay, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, buck brush, service berry bushes, mountain rush, sagebrush and shadscale.

Fair to an excellent growth of grass.

N.0°03'W., bet. secs. 7 and 8.

Over rugged mountainous land, through a scattering growth of timber and medium dense undergrowth; desc. W. slope 20 ft.

- 0.50 Head of draw, drains SW.; asc. abrupt SW. slope 165 ft. over series of broken and nearly perpendicular ledges 10 to 30 ft. high, bearing NW. and SE.
- 2.60 Perpendicular ledge, 30 ft. high, bears NW. and SE.
- 5.00 Leave series of ledges, bears NW. and SE., on top of nearly perpendicular ledge, 15 ft. high, bearing NW. and SE.; asc. more gradual SW. slope 60 ft.
- 6.70 Enter a heavy growth of timber, bears NW. and SE.
- 14.60 Top of ascent, bears NE. and SE.; steep descent of 490 ft.
- 16.20 Top of sloping ledge, 110 ft. high, bears NE. and SW.
- 31.10 Top of nearly perpendicular ledge, 30 ft. high, bears NE. and SW.
- 32.90 Draw, drains W.; asc. 25 ft.
- 35.40 Top of ascent, bears NE. and S.; desc. 30 ft. along NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Subdivision of T. 17 S., R. 24 E.

Chains.

$\frac{1}{4}$
 S 7 | S 8

1925

from which,

A pinon pine, 6 ins. diam., bears N.73°E., 29
lks. dist., marked $\frac{1}{4}$ S 8 B T.

A pinon pine, 16 ins. diam., bears S.26°45'W., 51
lks. dist., marked $\frac{1}{4}$ S 7 B T.

- 48.30 Leave heavy growth of timber and enter scattering, bears
NE. and SW.
- 48.50 Leave medium dense undergrowth and enter scattering,
bears NE. and SW.
- 48.60 Perpendicular ledge, 55 ft. high, bears NE. and SW.
- 49.80 Bull Canyon, 195 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc.
abrupt SE. slope 590 ft., over a series of broken,
sloping and perpendicular ledges, 10 to 80 ft. high,
bearing NE. and SW.
- 50.60 Same perpendicular ledge as noted at 48.60 chs., 60 ft.
high, bears NE. and SW.
- 64.00 Leave series of ledges, bears NE. and SW., at the top of
abrupt ascent, bearing NE. and SW.; enter a heavy
growth of timber, bears NE. and SW.; asc. more gradual
SE. slope 15 ft., through a medium dense undergrowth.
- 65.90 Spur, projects N.60°E. approximately 7.00 chs. dist.;
steep descent of 115 ft.
- 72.30 Ravine, drains E.; asc. abruptly 40 ft.
- 74.70 Spur, projects E. about 3.00 chs. dist.; desc. 40 ft.
- 77.00 Draw, drains E.; asc. abrupt S. slope 40 ft. to sec. cor.
- 79.70 Top of broken and sloping ledge, 30 ft. high, bears
northeasterly and southwesterly.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins.
in the ground to bedrock, and in a mound of stone, 6
ft. base, 2 ft. high, for cor. of secs. 5, 6, 7 and 8,
with brass cap marked:

T17S | R24E
 S6 | S5
 S7 | S8
 1925

Subdivision of T. 17 S., R. 24 E.

Chains.

from which,

A pinon pine, 8 ins. diam., bears N.47°E., 29
lks. dist., marked T 17 S R 24 E S 5 B T.

A cedar, 10 ins. diam., bears S.26°E., 23
lks. dist., marked T 17 S R 24 E S 8 B T.

A pinon pine, 10 ins. diam., bears S.24°15'W., 63
lks. dist., marked T 17 S R 24 E S 7 B T.

A pinon pine, 10 ins. diam., bears N.20°45'W., 19
lks. dist., marked T 17 S R 24 E S 6 B T.

Land, steep and rugged with sandstone in the form of
large boulders, surface rock and series of broken,
sloping and perpendicular ledges; drainage SW. by Bull
Canyon.

Soil, shallow red sand, sandy loam or clay, lying on
bedrock; 3rd. and 4th. rate.

Timber, cedar and pinon pine; scattering balsam and ma-
hogany.

Undergrowth, buck brush, service berry bushes, mountain
rush, oak brush and sagebrush.

Good growth of grass on N. slopes; poor to fair grazing
on S. slopes.

S.89°54'E., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.84 Intersect N. and S. line, at the cor. of secs. 4, 5, 8
and 9.

Thence,

N.89°54'W., on a true line bet. secs. 5 and 8.

Desc. gradually 25 ft. over NW. slope, through a heavy
growth of timber and medium dense undergrowth.

5.90 Descent becomes more abrupt; enter dense undergrowth,
bears NE. and SW.

26.40 Draw, 170 ft. below top of abrupt descent, drains NW.;
asc. 35 ft.

30.20 Spur, projects NW. approximately 15.00 chs. dist.; desc.
SW. slope 95 ft. to

Subdivision of T. 17 S., R. 24 E.

Chains.

39.92 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 5 \\ \frac{1}{4} \\ \hline S\ 8 \\ 1925 \end{array}$$

from which,

A pinon pine, 9 ins. diam., bears N.6°30'W., 13 lks. dist., marked $\frac{1}{4}$ S 5 B T.

A pinon pine, 5 ins. diam., bears S.1°W., 20 lks. dist., marked $\frac{1}{4}$ S 8 B T.

40.40 Descent becomes more abrupt, 10 ft. below $\frac{1}{4}$ sec. cor., bearing of slope changing from NW. and SE. to NE. and SW.

50.30 Bull Canyon, 305 ft. below top of steep descent, drains SW.; asc. precipitous SE. slope 370 ft., over series of broken, sloping and perpendicular ledges, 20 to 60 ft. high, bearing NE. and SW.

62.00 Top of series of ledges, bears NE. and SW.

62.30 Rugged spur, projects S. approximately 8.00 chs. dist.; desc. 105 ft.

65.30 Head of draw, drains SW.; asc. 75 ft.

69.10 Spur, projects SW. about 6.00 chs. dist.; abrupt descent of 205 ft.

74.30 Top of broken and nearly perpendicular ledge, 15 ft. high, bears N. and S.

76.40 Top of nearly perpendicular ledge, 15 ft. high, bears N. and S.

78.20 Fork of Bull Canyon, drains S.; asc. steep SE. slope 60 ft. to sec. cor.

79.70 Top of broken and sloping ledge, 30 ft. high, bears northeasterly and southwesterly.

79.84 The cor. of secs. 5, 6, 7 and 8.

Land, steep and mountainous; rugged with sandstone in the form of outcroppings and broken, sloping and per-

Subdivision of T. 17 S., R. 24 E.

Chains.	<p>pendicular ledges on portions of mile; drainage NW and SE. into Bull Canyon, thence SW.</p> <p>Soil, red sand, red sandy loam or a black loam, varying in depth from about 3 ins. to 3 ft., lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.</p> <p>Timber, heavy growth of cedar and pinon pine, and scattering mahogany, balsam and spruce.</p> <p>Undergrowth, oak and buck brush, service berry bushes, mountain rush and sagebrush.</p> <p>Sparse to a fair growth of grass.</p>
40.00	<p>N.89°55'W., on a random line bet. secs. 6 and 7.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>
83.07	<p>Intersect the W. bdy. of the Tp., 10 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.</p> <p>Thence,</p> <p>S.89°51'E., on a true line bet. secs. 6 and 7.</p> <p>Over rough mountainous land, through a heavy growth of timber and medium dense undergrowth; desc. gradually 25 ft., over general N. slope.</p>
7.50	Draw, drains NW.; asc. precipitous W. slope 200 ft.
11.20	Top of broken and nearly perpendicular ledge, 35 ft. high, bears NE. and SW.
15.10	Spur, projects N. about 40.00 chs. dist.; desc. 80 ft.
25.00	Ravine, drains N.; asc. 50 ft.
39.20	Ridge, bears SW. and NE. approximately 15.00 chs. dist., thence northerly; desc. abrupt SE. slope 90 ft. to $\frac{1}{4}$ sec. cor.
40.70	Top of sloping ledge, 50 ft. high, bears NE. and SW.
43.07	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\begin{array}{r} S\ 6 \\ \hline S\ 7 \\ 1925 \end{array}$ </div>
	<p>from which,</p> <p>A pinon pine, 8 ins. diam., bears N.30°W., 13 lks. dist., marked $\frac{1}{4}$ S 6 B T.</p>

Subdivision of T. 17 S., R. 24 E.

Chains.

A pinon pine, 10 ins. diam., bears S. $68^{\circ}45'W.$, 57 lks. dist., marked $\frac{1}{4}$ S 7 B T.

- 43.50 Top of broken and sloping ledge, 30 ft. high, bears NE. and SW.
- 50.60 Head of rugged gulch, 55 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. SW. slope 60 ft.
- 60.40 Spur, from NW., projects S. approximately 60.00 chs. dist.; steep descent of 160 ft., over general E. slope.
- 70.60 Top of broken, sloping, yellow sandstone and conglomerate ledge, 20 ft. high, bears northeasterly and southwesterly.
- 73.60 Top of sloping white sandstone ledge, 40 ft. high, bears northeasterly and southwesterly.
- 74.10 Cross head of draw, drains SE. about 2.00 chs. dist., thence E.; desc. abrupt general SE. slope 65 ft. to
- 83.07 The cor. of secs. 5, 6, 7 and 8.
- Land, steep and rough mountainous; sandstone and conglomerate formation; drainage N. and NW. into a fork of Middle Canyon, W. 39.20 chs.; E. 43.87 chs. drain S. and SE. into Bull Canyon.
- Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 2nd. to 4th. rate.
- Timber, cedar and pinon pine; patches of balsam and a few yellow pine.
- Undergrowth, oak and buck brush, service berry bushes, sagebrush and mountain rush.
- Poor to fair grazing land.

N. $0^{\circ}03'W.$, on a true line bet. secs. 5 and 6.

Asc. abrupt rough general SE. slope 75 ft., through a heavy growth of timber and dense undergrowth.

- 2.70 Top of broken and nearly perpendicular ledge, 15 ft. high, bears NE. and SW.
- 11.60 Top of broken and nearly perpendicular ledge, 20 ft. high, bears N. and S. $20^{\circ}W.$

Subdivision of T. 17.S., R. 24 E.

Chains.

- 11.70 Top of ascent, bears NW. and SW.; steep descent of 60 ft.
- 11.90 Top of broken and perpendicular ledge, 20 ft. high,
bears NW. and SW.
- 16.90 Fork of Bull Canyon, drains SE.; asc. abruptly 95 ft.
- 18.30 Top of sloping ledge, 20 ft. high, bears E. and W.
- 19.50 Top of broken ledge, 20 ft. high, bears N.70°W. and
S.70°E.
- 21.80 Spur, projects southwesterly approximately 7.00 chs.
dist.; desc. 15 ft.
- 23.10 Draw, drains SW.; asc. 135 ft.
- 25.20 Top of broken ledge, 20 ft. high, bears NE. and SW.
- 36.30 Spur, projects southwesterly about 25.00 chs. dist.;
desc. 10 ft. to $\frac{1}{4}$ sec. cor., across the head of draw,
draining SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
S. 6 | S 5
1925

from which,
A pinon pine, 6 ins. diam., bears N.44°45'E., 20
lks. dist., marked $\frac{1}{4}$ S 5 B T.
A cedar, 8 ins. diam., bears N.41°45'W., 24
lks. dist., marked $\frac{1}{4}$ S 6 B T.
- 42.40 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects SE.; desc. 15
ft.
- 45.30 Head of ravine, drains SE.; abrupt ascent of 90 ft.
- 51.50 Top of sloping ledge, 30 ft. high, bears NE. and SW.,
at the top of abrupt ascent, bearing NE. and SW.; asc.
gradually 30 ft.
- 56.10 Ridge, bears NE. and SW.; desc. gradually 20 ft. to
- 66.00 Top of broken and sloping ledge, 25 ft. high, bears NE.
and SW.; begin steep descent of 125 ft., over NW.
slope.
- 72.40 Draw, drains W.; asc. 25 ft.
- 73.00 Spur, projects W. approximately 7.00 chs. dist.; abrupt
descent of 210 ft.

Subdivision of T. 17 S., R. 24 E.

Chains.

- 79.80 Top of broken and sloping ledge, 60 ft. high, bears NE. and SW.
- 81.50 Rugged fork of Middle Canyon, drains SW.; asc. precipitous SE. slope 70 ft. to closing sec. cor.
- 83.60 Top of broken and sloping ledge, 60 ft. high, bears NE. and SW.
- 83.78 Intersect the S. bdy. of sec. 32, T. 16 S., R. 24 E., east 33.35 chs. dist. from the original cor. of secs. 5, 6, 31 and 32, Tps. 16 and 17 S., R. 24 E., which is an iron post, 2 ins. in diam., extending $2\frac{1}{2}$ ft. above ground, firmly set in a mound of stone, 6 ft. base, 2 ft. high, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of the survey of the S. bdy. of T. 16 S., R. 24 E., Group No. 87. At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for closing cor. of secs. 5 and 6, T. 17 S., R. 24 E., with brass cap marked:

T16SR24E	
S 32	
S6	S5
T17S R24E	
CC	
1925	

from which,

A pinon pine, 3 ins. diam., bears S.14°E., 10 lks. dist., marked B T.

A pinon pine, 6 ins. diam., bears S.37°W., 28 lks. dist., marked T 17 S R 24 E S 6 C C B T.

The original cor. of secs. 5, 6, 31 and 32, Tps. 16 and 17 S., R. 24 E. now refers to secs. 31 and 32, only, T. 16 S., R. 24 E.; therefore, I efface the markings pertaining to secs. 5 and 6, T. 17 S., R. 24 E., on the post and S. bearing trees.

Land, abrupt and mountainous; rough with sandstone in the form of surface rock, outcroppings and numerous

Subdivision of T. 17 S., R. 24 E.

Chains.

broken and sloping ledges; drainage SE. into Bull Canyon, S. 56.10 chs.; N. 27.68 chs. drain NW. and SE into a fork of Middle Canyon.

Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock; 3rd. and 4th. rate.

Timber, cedar, pinon pine and balsam.

Undergrowth, oak and buck brush, service berry bushes, sagebrush and mountain rush.

Poor to a fair growth of grass.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing.	Distance.	Latitudes.		Departures.	
			N.	S.	E.	W.
West Bdy. of Tp.	North	Chs. 483.49	Chs. 483.49	Chs.	Chs.	Chs.
North Bdy. of Tp.	East	483.00			483.00	
East Bdy. of Tp.	South	483.47		483.47		
South Bdy. of Tp.	S.89°53'W.	483.10		0.98		483.10
Convergency					0.59	
Totals.....			483.49	484.45 483.49	483.59 483.10	483.10
Errors in lat. and dep.....				0.96	0.49	

General Description.

All of the land in this township is located in the Book Mountain Range, except portions of sections thirty-three, thirty-four, thirty-five and thirty-six, which lie on top of a reef and on the edge of a valley at the base of these mountains. The rim of the reef, which is nearly perpendicular, varies in height from about ten to forty feet and crosses the south boundary of section thirty-four near the corner of sections three, four, thirty-three and thirty-four, and meanders in a general easterly direction back and forth across the south boundary of the township, leaving the east boundary of section thirty-six near the quarter section corner of sections thirty-one and thirty-six. The top of the reef is level, gently rolling and rolling,

General Description.

and the land to the south of the rim of the reef or on the edge of the valley is nearly level, gently rolling and rolling, and rolling "bad lands" which consist of low spurs, knolls, mesas and buttes. The mountains are very rough with outcroppings, large boulders, exposed bedrock, and series of broken, sloping and perpendicular ledges, and the surface is cut by numerous deep canyons and ravines, the principal ones of the former being Westwater Canyon, Middle Canyon, Bull Canyon, East Canyon, Bryson and San Arroyo Canyons, which drain the township generally to the south into Westwater and Bitter Creeks, thence into the Colorado River. A great many of the ravines, canyons and their forks, and particularly so in the north and northwest part of the township, are so rugged that they are impassable for stock. Red and light colored sandstone is the principal formation, and shale bedrock and outcroppings are found on some of the sections in the south half of the township. Numerous seams and veins of coal, some of which being about ten feet in thickness, are exposed on the sides of a great many of the ravines and canyons. The shale is the only evidence of oil, and there are no indications of other mineral. There are no oil or mining claims in the township, and the land does not appear to have been prospected. The township has a general southern exposure, an approximate range of elevation above sea level of five thousand to six thousand five hundred feet, and the general average magnetic declination is fifteen degrees and thirty-five minutes east, which gives the magnetic bearing of the true meridian north fifteen degrees thirty-five minutes west.

The soil in the mountains is a shallow light or red sand, sandy loam or clay, lying on a clay subsoil, shale or on bedrock. On the level and rolling land on the top

General Description.

of the reef and in the valley to the south of the rim of the reef, the soil is a red sand or sandy loam, about six inches to three feet deep, lying on a light clay, gravelly, light sand, white chalky subsoil or on shale. Sandy loam, several feet deep, is found in the bottoms of the principal canyons, and there is a light clay or adobe clay, varying in depth from a few inches to several feet, lying on shale or on a clay mixed with shale, on the rolling "bad lands."

Cedar and pinon pine, varying from a scattering to a heavy growth, is the principal timber in the township, although considerable balsam and mahogany grow on the two north tiers of sections. A few scattering yellow pine are found in sections six and seven, near the quarter section corner of sections six and seven.

The main undergrowth in the mountains is sagebrush, shadscale, yellow top, mountain rush, service berry bushes, oak and buck brush, the latter three predominating on the two north tiers of sections. A scattering to a dense growth of sagebrush and shadscale grow on top of the reef and on the level and rolling land to the south of the rim of the reef, in the valley, while a scattering to a dense growth of shadscale and salt brush is found on the rolling "bad lands." Dense tall sagebrush is the principal undergrowth in the bottoms of the ravines and canyons.

Frank Shafer, the only settler in the township, resides in the northwest quarter of the southeast quarter of section twenty-five. His house, which is twelve by fourteen feet, is constructed of lumber and cedar posts. He has made two reservoirs for watering stock, one in the northeast quarter of the southeast quarter and the other in the southeast quarter of the northeast quarter of section twenty-five. These reservoirs are located at the mouths of draws which drain into them during the rainy seasons of the year. The appli-

General Description.

cant also has the posts set for about one mile of fencing, but no land under cultivation.

A wagon road from the Pike's Peak-Ocean to Ocean Highway to the top of the main divide of the Book Mountains crosses the south boundary of section thirty-two near the quarter section corner of sections five and thirty-two, and bears in a northwesterly and westerly direction, leaving the west boundary of section thirty-one about fifteen chains north of the southwest corner of the township. There are no other improvements in the township, except an old wood road in the bottom of East Canyon.

The water is located in this township as follows: A small stream in the bottom of a ravine flows through the southeast quarter of the northwest quarter and lot five of section six. A small stream is located in the bottom of Bull Canyon, in the southwest quarter of the northeast quarter and the northwest quarter of the southeast quarter of section five. A small stream in the bottom of Middle Canyon flows through lots one, two, three and four of section eighteen. A small stream in the bottom of Middle Canyon is located in the east half of the northwest quarter, southwest quarter of the northeast quarter and the northwest quarter of the southeast quarter of section nineteen. A creek about eight links wide, six inches deep, in the bottom of Westwater Canyon, flows through lot four, southeast quarter of the southwest quarter and south half of the southeast quarter of section thirty-one, and south half of the southwest quarter of section thirty-two. A stream, two links wide, three inches deep, in the bottom of East Canyon, rises in lot one and flows through the south half of the northeast quarter and the northwest quarter of the southeast quarter of section three. A small stream in the bottom of East Canyon rises and flows in the northeast quarter

General Description.

of the southwest quarter of section twenty-one. All of the water is alkaline, and there are no springs, water holes or other streams in the township.

There is an excellent growth of grass on portions of nearly all of the sections, and particularly so in Bryson Canyon and in the forks of Bryson Canyon. The grazing in the bottoms of East and Westwater Canyons and on portions of the sections in the southwest and southern parts of the township is poor to fair, due to this locality being overstocked. The township as a whole is adapted only for grazing purposes, although tracts in section thirty-six could probably be used to raise crops by dry farming. Also small tracts in the bottom of East Canyon are either suitable for dry farming or to produce crops by irrigating from the small streams. The bottoms of all of the other canyons are too narrow and rough to cultivate. About five or six bands of sheep and several hundred head of cattle graze in this township during the spring, fall and winter months. The stock trail to the streams and reservoirs or depend on snow for water. A great many more stock could graze in this locality, if trails were made in the impassable canyons.

4-680

FIELD ASSISTANTS.

6-2764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah, bearing date of the 10th day of February, 19 23 have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the West Boundary and the Establishment of Quarter Section Corners on the North Boundary and the Survey of the Subdivision of T. 17 S., R. 24 E.

of the Salt Lake Basin and Meridian, in the State of Utah, which are represented and date diagram on page 1 of same on the dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at Salt Lake City, Utah, May 7, 1924.

J. C. Clark
U. S. Surveyor

APPROVAL.

Office of the United States ~~Surveyor General~~ Supervisor of Surveys

DEC 6 - 1924

The foregoing field notes of the survey of the west boundary and the establishment of quarter section corners on the north boundary and the survey of the subdivision of T. 17 S., R. 24 E., S. L. B. & M.,

executed by J. C. Clark, U. S. Surveyor

under his special instructions dated February 10, 1923, 19 23, having critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Samuel Johnson
Supervisor of Surveys. U. S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

BOOK A-479

C

RECEIVED

FEB 25 1926
District Cadastral Engineer,
Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

SOUTH, EAST AND WEST BOUNDARIES, AND THE ESTABLISHMENT OF QUARTER
SECTION CORNERS ON THE NORTH BOUNDARY, AND THE SURVEY OF THE SUBDIVISION OF
T. 17 S., R. 25 E.

Of the Salt Lake Base and Meridian,
the State of Utah.

EXECUTED BY

J. C. Clark

in the capacity of U. S. Surveyor, under instructions dated February 10, 1923,
issued by the United States Surveyor General to govern surveys included in
Map No. 133, which were approved by the Commissioner of the General Land
Office, February 24, 1923, pursuant to authority contained in the Act of
Congress dated, 191,
Assignment Instructions dated May 14, 1923.
Supplemental Assignment Instructions dated May 10, 1924 and May 5, 1925.
Survey commenced August 17, 1924,
Survey completed June 13, 1925,

INDEX DIAGRAM.

Township 17 South, Range 25 East.													
33		32		31		31		30		29			
27	6	114	5	89	4	72	3	56	2	44	1	17	
	113		111		88		71		55		43		
26	7	110	8	86	9	69	10	54	11	42	12	16	
	108		107		85		68		53		40		
24	18	105	17	84	16	66	15	52	14	39	13	15	
	104		102		82		65		51		38		
22	19	100	20	80	21	64	22	50	23	37	24	14	
	99		97		79		63		49		36		
20	30	95	29	77	28	62	27	48	26	36	25	13	
	94		92		76		60		47		35		
19	31	91	32	74	33	58	34	46	35	33	32	12	
	11		10		9		8		7		5		

BOOK A-479

4-679 b

INDEX DIAGRAM.

Township 17 S., Range 25 E.											
311	310	309	309	308	307						
305	392	367	350	334	322	295					
391	389	366	349	333	321						
304	388	364	347	332	320	294					
386	385	363	346	331	318						
302	383	362	344	330	317	293					
382	380	360	343	329	316						
300	378	358	342	328	315	292					
377	375	357	341	327	314						
298	373	355	340	326	314	291					
372	370	354	338	325	313						
297	369	352	336	324	311	290					
289	288	287	286	285	283						

Tests of Instrument.

Township 17 South, Range 25 East.

DATE DIAGRAM

OF

T. 17 S., R. 25 E.

31							32							33							34							35							36							31						
11/29/24							12/1/24							12/2/24							11/15/24							11/13/24							11/5/24							11/3/24						
6/13/25							6/12/25							6/13/25							12/2/24							11/17/24							11/17/24							11/17/24						
6							5							4							3							2							1													
6/11/25							6/10/25							11/22/24							11/15/24							11/13/24							11/5/24													
11/28/24							6/9/25							11/22/24							11/14/24							11/13/24							11/4/24							11/3/24						
7							8							9							10							11							12													
6/8/25							6/6/25							11/21/24							11/14/24							11/13/24							11/4/24													
11/26/24							6/5/25							11/21/24							11/12/24							11/12/24							11/4/24							10/31/24						
18							17							16							15							14							13													
6/4/25							6/3/25							11/20/24							11/12/24							11/12/24							11/3/24													
11/25/24							6/2/25							11/20/24							11/11/24							11/11/24							11/3/24							10/31/24						
19							20							21							22							23							24													
6/1/25							6/1/25							11/19/24							11/11/24							11/11/24							11/1/24													
11/24/24							5/30/25							11/19/24							11/7/24							11/10/24							11/1/24							10/31/24						
30							29							28							27							26							25													
11/25/24							5/29/25							11/18/24							11/8/24							11/8/24							11/1/24													
11/24/24							5/27/25							11/18/24							11/7/24							11/6/24							11/1/24							10/31/24						
31							32							33							34							35							36													
9/11/24							9/11/24							9/11/24							9/11/24							9/11/24							9/11/24													
8/19/24							8/19/24							8/19/24							8/20/24							8/20/24							8/20/24													

Survey commenced August 17, 1924, and executed by J. C. Clark, U. S. Surveyor, with a Young and Sons transit No. 8520. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was approved for use on this survey by

Tests of Instrument.

the Assistant Supervisor of Surveys for District No. six, in Assignment Instructions dated May 14, 1923, and in Supplemental Assignment Instructions dated May 10, 1924 and May 5, 1925, conditional upon satisfactory field tests.

Observation of Polaris August 1 and test of the solar apparatus August 3, 1924, in sec. 11, T. 18 S., R. 24 E., which is recorded on pages 2 and 3 of the finished field notes of T. 18 S., R. 24 E., Group No. 133, serves as the first of the initial tests in the survey of this township.

October 27, 1924, at camp, in sec. 9, T. 17 S., R. 25 E., in approximate latitude $39^{\circ}20'$ N., approximate longitude $109^{\circ}09'$ W., I examine the adjustments of the instrument and correct the errors in the levels and the line of collimation of the main telescope. Then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

October 28, 1924, at 5h 5.6m a. m., l. m. t., I observe Polaris at western elongation, making four observations two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a pencil, on a stake driven firmly in the ground approximately ten chains N. of my station.

At 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'$ to the east, and mark the meridian with a nail in a stake set firmly in the ground about ten chains N. of my station.

October 28, weather stormy and sky overcast entire day.

October 29, at 8h 0m a. m., apparent time, I set off $39^{\circ}20'$ N., on the lat. arc; $13^{\circ}28'$ S., on the decl. arc; and determine a meridian with the solar which agrees within 30 seconds of the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the

Tests of Instrument.

decl. arc is $13^{\circ}32'$ S., which agrees within one half minute of the computed decl. of the sun.

At 4h 0m p. m., apparent time, with the lat. arc unchanged, I set off $13^{\circ}34'$ S., on the decl. arc; and determine a meridian with the solar which practically coincides with the meridian obtained by observations on Polaris.

All of the tests during the hours suitable for solar work practically coincide with the true meridian; therefore, I conclude that the adjustments of the instrument are satisfactory.

May 25, 1925, at camp, in sec. 9, T. 17 S., R. 25 E., in approximate latitude $39^{\circ}21'$ N., approximate longitude $109^{\circ}10'$ W., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations as follows:

May 26, 1925, at 3h 23.3m a. m., l. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a nail in a stake driven firmly in the ground approximately eight chains N. of my station.

At 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'$ to the west, and mark the meridian with a nail in a peg set firmly in the ground about eight chains N. of my station.

At 9h 0m a. m., apparent time, I set off $39^{\circ}21'$ N., on the lat. arc; $21^{\circ}7'$ N., on the decl. arc; and determine a meridian with the solar which falls less than one minute east of the meridian determined by observations on Polaris.

At apparent noon, I set off $21^{\circ}9'$ N., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is $39^{\circ}21'$ N., which practically agrees with the calculated lat.

Tests of Instrument.

At 3h 0m p. m. apparent time, with the lat. arc unchanged I set off $21^{\circ}10'$ N., on the decl. arc; and note that the line determined with the solar falls less than one half minute west of the meridian obtained by Polaris observations.

As all of the solar observations during the usual hours of solar work come within one minute of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Final Tests of Instrument.

I test the solar apparatus as follows by comparing its indications hourly with the true meridian established by Polaris observations October 28, 1924, at camp, in sec. 9, T. 17 S., R. 25 E., hereinbefore described:

November 30, 1924, at 9h 0m a. m., apparent time, I set off $39^{\circ}20'$ N., on the lat. arc; $21^{\circ}39'$ S., on the decl. arc; and determine a meridian with the solar which falls about one minute east of the meridian established from observations on Polaris.

At apparent noon, I set off $21^{\circ}41'$ S., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is $39^{\circ}19'30''$ N., which agrees within one half minute of the computed lat.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $21^{\circ}41'$ S., on the decl. arc; and determine a meridian with the solar which falls about 30 seconds west of the true meridian.

At camp, in sec. 9, T. 17 S., R. 25 E., I test the solar apparatus as follows by comparing its indications hourly with the true meridian obtained from observations on Polaris May 26, 1925, hereinbefore described:

June 14, 1925, at 8h 0m a. m., apparent time, I set off $39^{\circ}21'$ N., on the lat. arc; $23^{\circ}16'$ N., on the decl. arc; and determine a meridian with the solar which agrees within a few seconds of the meridian established from observations on Polaris.

Township 17 South, Range 25 East.

Tests of Instrument.

Chains. At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $23^{\circ}17'$ N., which agrees within one half minute of the calculated decl. of the sun.

At 4h 0m p. m., apparent time, with the lat. arc unchanged, I set off $23^{\circ}17'$ N., on the decl. arc; and note that the line determined with the solar practical-ly coincides with the true meridian.

As the instrument by hourly a. m. and p. m. solar observations defines positions for meridians that differ no more than one minute from the meridian established by observations on Polaris, I conclude that the transit has been in adjustment during the progress of the survey of this township.

The instrument was tested repeatedly on the Polaris meridians; observations for latitude and declination were taken whenever practicable, and in computing the declinations of the sun, the refractions were corrected for an altitude varying from five thousand to six thousand feet. All measurements were taken with five chain Lallie steel tapes which were compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slope were reduced to the horizontal by using Keuffel and Esser clinometers.

Survey of the South Boundary of T. 17 S., R. 25 E.

From the cor. of Tps. 17 and 18 S., Rs. 25 and 26 E., which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by four pits, one each on line north, east, south and west,

West, on a random line for alinement only, along the S. bdy. of T. 17 S., R. 25 E. This line intersects the E. bdy. of T. 18 S., R. 24 E., projected N., N. 78 lks. dist. from the true point or 1.78 chs. dist. from the

Survey of the South Boundary of T. 17 S., R. 25 E.

Chains. witness cor. of Tps. 17 and 18 S., Rs. 24 and 26 E., heretofore described in the finished field notes of T. 18 S., R. 24 E., this group; therefore, the falling answers to a correction of 0°06', or 13 lks. S. per mile, counting from the SE. cor. of the Tp.

Thence, from the cor. of Tps. 17 and 18 S., Rs. 25 and 26 E.,

S.89°54'W., on a true line along the S. bdy. of T. 17 S., R. 25 E., bet. secs. 1 and 36.

Over gently rolling land, through dense sagebrush; desc. gradual SW. slope 20 ft.

29.80 Old road, bears NW. and SE.

31.00 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of swale, drains S.; asc. gradual NE. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 36 \\ \frac{1}{4} \overline{) } \\ S\ 1 \\ 1924 \end{array}$$

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

54.60 Enter a medium dense growth of timber, bears NW. and SE.

76.20 Top of ascent, 50 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradually 10 ft.

76.30 Leave timber, bears N. and S.

76.50 Leave gently rolling land, bears N. and S.; leave sagebrush, bears N. and S., and enter scattering shadscale and salt brush; begin abrupt descent of 70 ft. over W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked:

$$\begin{array}{c|c} T17S & R25E \\ S35 & S36 \\ \hline S2 & S1 \\ T18S & \\ 1924 & \end{array}$$

and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Survey of the South Boundary of T. 17 S., R. 25 E.

Remains.

Land, gently rolling, E. 76.50 chs.; bad lands, W. 3.50 chs.; general drainage SE.; sandstone formation.

Soil, dark red sandy loam, about 6 ins. to 3 ft. deep, lying on a light sand or on a gravelly, white, chalky subsoil, on rolling land; light clay, varying in depth from a few ins. to 3 ft., lying on a dark or blue clay subsoil, or on shale, W. 3.50 chs.

Timber, cedar.

Undergrowth, sagebrush, shadscale and salt brush.

Fair growth of grass on rolling land.

S. 89° 54' W., bet. secs. 2 and 35.

Desc. gentle SW. slope 35 ft. to $\frac{1}{4}$ sec. cor., through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

	S 35
$\frac{1}{4}$	<hr/> S 2
	1924

At the base of the monument, I deposit a sandstone, 9x4x4 ins., marked with a cross (X). Other accessories impracticable.

42.20 Dry wash, 20 lks. wide, 2 ft. deep, in the bottom of Winter Camp Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains S. 20° E.; asc. NE. slope 55 ft.

55.40 Ridge, bears N. 70° W. and SE.; desc. 45 ft.

77.10 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. E. slope 20 ft.

78.70 Spur, slope S.; desc. general SW. slope 10 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked:

T17S	R25E
S34	S35
S3	S2
T18S	
1924	

At the base of the monument, I deposit a sandstone,

Survey of the South Boundary of T. 17 S., R. 25 E.

Chains.	9x7x2 ins., marked with a cross (X). Other accessories impracticable.
	Land, gently rolling and rolling bad lands, draining S. shale and sandstone formation.
	Soil, light sand or a light clay, about 4 ins. to 1 ft. deep, lying on a hard light or blue clay subsoil, or on shale.
	Undergrowth, shadscale, yellow top and salt brush.
	No timber. Sparse growth of grass.
	S.89°54'W., bet. secs. 3 and 34.
	Desc. SW. slope 10 ft., through scattering undergrowth.
0.90	Draw, drains S.20°E.; asc. E. slope 100 ft.
10.40	Spur, slopes S.; desc. 110 ft.
18.00	Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains S.; asc. 35 ft.
21.80	Spur, projects S.; desc. 35 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: right; margin-right: 100px;">$\frac{1}{4}$ $\frac{S\ 34}{S\ 3}$ 1924</div>
	and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
40.40	Dry wash, 15 lks. wide, 1 ft. deep, in the bottom of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. 10 ft.
46.40	Spur, projects S. approximately 8.00 chs. dist.; desc. 15 ft.
48.20	Base of descent, bears N. and S.; enter dense greasewood bears NW. and SE.; over nearly level bottom land.
57.30	E. bank of San Arroyo Wash, 25 ft. high, bears N. and S.; wash dry, general course SE.
58.20	W. bank of San Arroyo Wash, 25 ft. high, bears N. and S.
65.80	E. bank of dry wash, 30 ft. high, bears NW. and SE.; general course of wash SE.
67.70	W. bank of wash, 30 ft. high, bears NW. and SE.

Survey of the South Boundary of T. 17 S., R. 25 E.

Chains.

70.60 Leave level bottom land, bears NW. and SE.; leave grease-wood, bears NW. and SE., and enter dense short shadscale, sagebrush, salt brush and yellow top; begin ascent of 45 ft. over E. slope.

76.10 Spur, slopes N.; desc. W. slope 30 ft. to

79.60 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for witness cor. of secs. 3, 4, 33 and 34, with brass cap marked:

T17S	R25E
S33	S34
WC	S4
	S3
	T18S
	1924

and raise a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, W. of cor.

80.00 True point for cor. of secs. 3, 4, 33 and 34, falls in bottom of dry wash, 15 lks. wide, 7 ft. deep, in draw, draining N. 15° E. Cor. not set.

Land, rolling bad lands and level bottom land, draining generally to the SE.; shale and sandstone formation.

Soil, light clay, varying in depth from a few ins. to about $1\frac{1}{2}$ ft., lying on a dark or blue clay subsoil, or on shale, on the bad lands; sandy loam several ft. deep, on the bottom land along San Arroyo Wash.

Undergrowth, greasewood, shadscale, sagebrush, salt brush and yellow top.

No timber. Scattering growth of grass.

S. $89^{\circ}54'$ W., bet. secs. 4 and 33, from the true point for cor. of secs. 3, 4, 33 and 34.

Asc. E. slope 65 ft., through scattering short undergrowth.

12.30 Spur, projects N. approximately 15.00 chs. dist.; enter scattering timber; desc. 45 ft.

14.60 Leave timber.

21.90 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains N.; asc. gradual NE. slope 25 ft. to

Survey of the South Boundary of T. 17 S., R. 25 E.

Chains.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 33
$\frac{1}{4}$
S 4
1924

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

From this $\frac{1}{4}$ sec. cor., asc. gradual general NE. slope 45 ft., over small draws and low spurs, putting NE., to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked:

T17S	R25E
S32	S33
S5	S4
T18S	
1924	

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

Land, rolling low spurs and small draws, putting N. and NE. into San Arroyo Wash; shale and sandstone formation

Soil, light sandy clay, varying in depth from about 4 ins. to 1 $\frac{1}{2}$ ft., lying on a dark or blue clay subsoil, or on shale.

Timber, cedar.

Undergrowth, varies from scattering to a dense growth of short shadscale, yellow top and sagebrush.

Fair growth of grass.

S.89°54'W., bet. secs. 5 and 32.

Over rolling land, through scattering short shadscale, yellow top and sagebrush; asc. NE. slope 75 ft.

8.90 Dry wash, 10 lks. wide, 3 ft. deep, drains N.80°E.

12.10 Top of ascent, bears N. and southeasterly; enter dense sagebrush, bears N. and southeasterly; desc. gradually 20 ft. to $\frac{1}{4}$ sec. cor., over nearly level and gently rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Survey of the South Boundary of T. 17 S., R. 25 E.

Chains.

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 32 \\ \frac{1}{4} \\ S\ 5 \\ 1924 \end{array}$$

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

66.70 Dry wash, 10 lks. wide, 2 ft. deep, drains S.20°W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked:

T17S	R25E
S31	S32
S6	S5
T18S	
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

This cor. is located 15 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling NE. slope, draining NE. into San Arroyo Wash, E. 12.10 chs.; nearly level and gently rolling, draining S. and SE. into Bryson Wash, W. 67.90 chs.; shale and sandstone formation.

Soil, light clay, about 4 ins. to 3 ft. deep, lying on a dark or blue clay subsoil, or on shale, E. 12.10 chs.; red sandy loam, about 6 ins. to 2½ ft. deep, lying on a gravelly, light sand, or on a white chalky subsoil, W. 67.90 chs.

Undergrowth, sagebrush, shadscale and yellow top.

Good grazing land, W. 67.90 chs. No timber.

S.89°54'W., bet. secs. 6 and 31.

Over gently rolling land, through dense sagebrush and scattering shadscale; asc. gradually 15 ft. to $\frac{1}{4}$ sec. cor.

36.70 Dry wash, 15 lks. wide, 4 ft. deep, drains S.20°E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked;

Survey of the South Boundary of T. 17 S., R. 25 E.

Chains.

$$\frac{S\ 31\ \checkmark}{S\ 6}$$

1924

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

- 45.00 Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears N. and S. desc. 15 ft.
- 49.50 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of swale, drains S.; asc. gradually 35 ft. to the true point for cor. of Tps. 17 and 18 S., Rs. 24 and 25 E.
- 61.00 Dry wash, 15 lks. wide, 5 ft. deep, drains SE.
- 65.50 Dry wash, 10 lks. wide, 2 ft. deep, drains S. 20° E.
- 74.60 Sagebrush becomes scattering, bearing NW. and SE.; enter a medium dense growth of greasewood and rabbit brush.
- 79.20 Bryson Wash, 80 lks. wide, 5 ft. deep, drains SE.
- 79.58 On the SW. bank of Bryson Wash, intersect the true point for cor. of Tps. 17 and 18 S., Rs. 24 and 25 E., heretofore described.

Land, gently rolling, draining S. and SE.

Soil, dark red sandy loam, about 6 to 30 ins. deep, lying on a gravelly, light sand or white chalky subsoil, E. 76.00 chs.; red sand several ft. deep, on remainder of mile.

Undergrowth, sagebrush, greasewood, rabbit brush and shadscale.

Excellent growth of grass. No timber.

Survey of the East Boundary of T. 17 S., R. 25 E.

From the cor. of Tps. 17 and 18 S., Rs. 25 and 26 E., hereinbefore described,

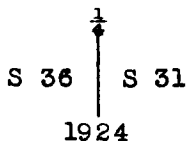
North, on a true line bet. secs. 31 and 36, along the E. bdy. of T. 17 S., R. 25 E.

Over gently rolling or nearly level land, through dense undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

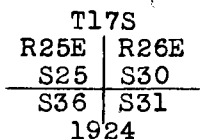
Survey of the East Boundary of T. 17 S., R. 25 E.

Chains.



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked:



and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, nearly level and gently rolling, draining SE.

Soil, dark red sandy loam, about 2 to 3 ft. deep, lying on a gravelly, light sand or on a white chalky subsoil.

Undergrowth, sagebrush.

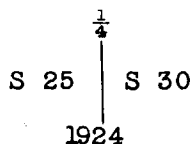
Good grazing land.

No timber.

North, bet. secs. 25 and 30.

Over gently rolling or nearly level land, through dense undergrowth.

- 6.30 Road, bears NE. and SW.
 24.60 Dry wash, 20 lks. wide, 6 ft. deep, drains SE.
 26.60 Road, bears NW. to Claude Taylor's ranch and SE. to the Pike's Peak-Ocean-to-Ocean Highway.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with

Survey of the East Boundary of T. 17 S., R. 25 E.

Chains.

brass cap marked:

T17S	
R25E	R26E
S24	S19
S25	S30
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, nearly level and gently rolling, draining SE.

Soil, dark red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, light sand or on a white chalky subsoil

Undergrowth, sagebrush and white sage.

Good grazing land.

No timber.

North, bet. secs. 19 and 24.

Over gently rolling or nearly level land, through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	
S 24	S 19
1924	

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

67.70 Bitter Creek Wash, 130 lks. wide, 8 ft. deep, drains SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked:

T17S	
R25E	R26E
S13	S18
S24	S19
1924	

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, nearly level and gently rolling, draining SE.

Soil, dark red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, light sand or on a white chalky subsoil.

Undergrowth, sagebrush and white sage.

Good grazing land. No timber.

Survey of the East Boundary of T. 17 S., R. 25 E.

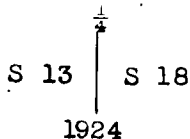
Chains.

North, bet. secs. 13 and 18.

Over gently rolling land, through medium dense undergrowth; asc. gradual SW. slope 20 ft.

12.80 Dry wash, 20 lks. wide, 10 ft. deep, drains SE.

20.00 Leave gently rolling land, bears NW. and SE.; enter a medium dense growth of timber, bears NW. and SE.; begin more abrupt ascent of 40 ft. over SW. slope to

40.00 On top of spur, projecting S.30°E. approximately 30.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

from which,

A cedar, 18 ins. diam., bears S.66°30'E., 230

lks. dist., marked $\frac{1}{4}$ S 18 B T.

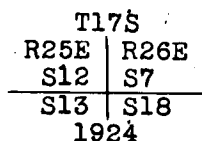
A cedar, 10 ins. diam., bears S.87°15'W., 95

lks. dist., marked $\frac{1}{4}$ S 13 B T.56.90 Draw, 30 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 45 ft.

61.30 Top of ascent, bears NW. and SE.; leave timber, bears NW. and SE.; over gently rolling top of bench.

71.30 Leave bench, bears NE. and SW.; enter scattering timber; desc. NW. slope 15 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked:



from which,

A cedar, 14 ins. diam., bears N.66°45'E., 754

lks. dist., marked T 17 S R 26 E S 7 B T.

A cedar limb, 6 ins. diam., bears S.44°E., 250

lks. dist., marked T 17 S R 26 E S 18 B T.

A cedar, 10 ins. diam., bears S.6°W., 440

lks. dist., marked T 17 S R 25 E S 13 B T.

Survey of the East Boundary of T. 17 S., R. 25 E.

Chains.

A cedar limb, 3 ins. diam., bears N. 6° 30' W., 58
lks. dist., marked B T.

Land, rolling and gently rolling, draining generally S
into Bitter Creek Wash.

Soil, dark red sand or sandy loam, about 1 to 5 ft. de
lying on a dark clay or white chalky subsoil.

Timber, cedar.

Undergrowth, sagebrush, white sage and greasewood.

Fair growth of grass on portions of mile.

North, bet. secs. 7 and 12.

Over rolling land, through scattering timber and medium
dense undergrowth; asc. gradual SW. slope 65 ft.

29.50 Top of ascent or S. edge of bench, bears NW. and SE.;
enter heavy timber, bears NW. and SE.; desc. gradually
10 ft. over gently rolling top.

37.80 N. edge of bench, bears E. and W.; desc. N. slope 5 ft.
to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
the ground to solid rock, and in a mound of stone, 4
ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:

$\frac{1}{4}$
 \uparrow
 S 12 | S 7
 1924

from which,

A cedar, 10 ins. diam., bears S. 74° E., 48
lks. dist., marked $\frac{1}{4}$ S 7 B T.

A cedar, 14 ins. diam., bears N. 64° W., 54
lks. dist., marked $\frac{1}{4}$ S 12 B T.

42.00 Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc. 10 ft.

44.40 Spur, slopes SE. about 2.00 chs. dist.; desc. 35 ft.

50.00 Leave timber, bears E. and W.

52.90 Wild Cow Wash, 30 lks. wide, 6 ft. deep, in the bottom
of hollow, drains SE.; asc. gradually 25 ft.

75.60 Low ridge, bears NW. and SE.; enter scattering timber;
desc. NE. slope 10 ft. to

Survey of the East Boundary of T. 17 S., R. 25 E.

Chains.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked:

T17S	
R25E	R26E
S1	S6
S12	S7
1924	

from which,

A cedar, 10 ins. diam., bears S.25°30'E., 398 lks. dist., marked T 17 S R 26 E S 7 B T.

A cedar, 12 ins. diam., bears S.19°W., 401 lks. dist., marked T 17 S R 25 E S 12 B T.

Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor., as there are no other trees available suitable for marking.

Land, rolling, draining SE.; sandstone formation.

Soil, red sand and red sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil.

Timber, cedar.

Undergrowth, sagebrush, greasewood, white sage and shadscale.

Fair to good grazing land.

North, bet. secs. 1 and 6.

Over rolling land, through scattering undergrowth; desc. gradual NE. slope 10 ft.

5.00 Dry wash, 50 lks. wide, 10 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.

7.70 Enter scattering timber.

9.40 Spur, slopes SE. about 3.00 chs. dist.; desc. 15 ft.

12.20 Leave timber.

16.10 Dry wash, 50 lks. wide, 10 ft. deep, in the bottom of swale, drains SE.; asc. gradual SW. slope 15 ft. to ¼ sec. cor.

30.40 Dry wash, 10 lks. wide, 3 ft. deep, drains SE.

31.40 Road, bears NW. to the Wild Cow ranch and SE. to Prairie Canyon.

Survey of the East Boundary of T. 17 S., R. 25 E.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. above the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 1 \quad | \quad \text{S } 6 \\ 1924 \end{array}$$

At the base of the monument, I deposit a sandstone, 8x5x2 ins., marked with a cross (X). Other accessories impracticable.

52.80 Dry wash, 50 lks. wide, 20 ft. deep, drains S.30°E.

55.30 Dry wash, 40 lks. wide, 10 ft. deep, drains S.10°E.

61.60 Same wash, 40 lks. wide, 10 ft. deep, drains SW.

77.20 Top of ascent, 70 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. NE. slope 25 ft. to

82.53 Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for witness cor. to the closing cor. of Tps. 17 S., Rs. 25 and 26 E., with brass cap marked:

$$\begin{array}{c} \text{T16SR26E} \\ \text{S31} \\ \hline \text{W } | \text{ C} \\ \text{S1} | \text{ S6} \\ \text{R25E} | \text{ R26E} \\ \text{T17S} \\ \text{CC} \\ 1924 \end{array}$$

from which,

A cedar, 12 ins. diam., bears S.74°E., 136

lks. dist., marked W C T 17 S R 26 E S 6 C C B T

A cedar limb, 6 ins. diam., bears S.13°15'W., 95

lks. dist., marked W C T 17 S R 25 E S 1 C C B T

82.93 Intersect the S. bdy. of sec. 31, T. 16 S., R. 26 E., east 33.33 chs. dist. from the cor. of Tps. 16 and 17 S., Rs. 25 and 26 E., which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; but, as the point of intersection falls on the S. edge of a dry wash, 30 lks. wide, 6 ft. deep, draining SE., which makes it impracticable to set the iron post at the true cor.

Survey of the East Boundary of T. 17 S., R. 25 E.

Chains.

point, I witness the true point for the closing cor. of Tps. 17 S., Rs. 25 and 26 E. as just described; and destroy all markings on the original cor. of Tps. 16 and 17 S., Rs. 25 and 26 E. and on its accessories pertaining to T. 17 S., which now refers to T. 16 S., only.

Land, rolling and gently rolling, draining SE.

Soil, red sand and red sandy loam, varying in depth from about 1 to several ft., lying on a clay subsoil.

Timber, cedar.

Undergrowth, sagebrush, shadscale and greasewood.

Fair growth of grass.

Survey of the West Boundary of T. 17 S., R. 25 E.

From the true point for cor. of Tps. 17 and 18 S., Rs.

24 and 25 E., heretofore described,

North, on a true line bet secs. 31 and 36, along the W. bdy. of T. 17 S., R. 25 E.

Over gently rolling land, through medium dense short undergrowth; asc. gradual S. slope 85 ft.

0.40 Bryson Wash, dry, 80 lks. wide, 5 ft. deep, drains SE.

12.10 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

33.60 Leave rolling land, bears E. and W.; begin more abrupt ascent of 100 ft. over S. slope.

38.40 S. rim of reef, bears E. and W.; enter a medium dense growth of timber, bears NE. and SW.; desc. gradual N. slope 10 ft., along top of reef to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins., in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 36 | S 31

1924

from which,

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

A cedar, 8 ins. diam., bears S.66°30'E., 103
lks. dist., marked $\frac{1}{4}$ S 31. B T.

A cedar, 6 ins. diam., bears S.38°45'W., 90
lks. dist., marked $\frac{1}{4}$ S 36 B T.

From this $\frac{1}{4}$ sec. cor., continue gradual descent of 110
ft., along top of reef to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 25, 30, 31 and 36,
with brass cap marked:

T17S	
R24E	R25E
S25	S30
S36	S31
1924	

from which,

A cedar limb, 8 ins. diam., bears N.44°E., 132
lks. dist., marked T 17 S R 25 E S 30 B T.

A cedar, 6 ins. diam., bears S.29°E., 30
lks. dist., marked T 17 S R 25 E S 31 B T.

A cedar limb, 6 ins. diam., bears S.16°30'W., 69
lks. dist., marked T 17 S R 24 E S.36 B T.

A cedar, 8 ins. diam., bears N.52°15'W., 55
lks. dist., marked T 17 S R 24 E S 25 B T.

Land, gently rolling, S. 38.40 chs.; gentle N. slope of
reef, N. 41.60 chs.; shale and sandstone formation;
general drainage SE.

Soil, red sand and red sandy loam, about 1 to 5 ft. deep
lying on a clay subsoil, S. 38.40 chs.; red sandy loam
about 4 ins. to 2 ft. deep, lying on a gravelly, light
sand or on a white chalky subsoil, or on shale, on reef.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, yellow top and grease
wood.

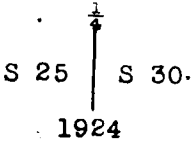
Fair growth of grass.

North, bet. secs. 25 and 30.

Desc. gradually 45 ft., over gently rolling N. slope of
reef, through scattering timber and dense undergrowth.

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

- 8.60 Draw, drains NE.; asc. 20 ft.
- 18.30 Spur, projects E. approximately 10.00 chs. dist.; desc. gradually 15 ft.
- 20.00 Leave top of reef, bears NW. and SE.; undergrowth becomes scattering, bearing NW. and SE.; desc. NE. slope 65 ft.
- 20.50 Leave timber.
- 25.80 San Arroyo Wash, dry, 50 lks. wide, 4 ft. deep, at the mouth of San Arroyo Canyon, drains SE.; asc. gradually 95 ft.
- 29.50 Dry wash, 20 lks. wide, 4 ft. deep, drains SW.
- 35.90 Line of fence posts, bears E. and W.
- 38.40 Spur, projects SW. about 5.00 chs. dist.; desc. 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- 

S 25 S 30
1924
- and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 41.60 Draw, 30 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. 80 ft.
- 47.80 Spur, slopes SW. about 3.00 chs. dist.; asc. 40 ft.
- 50.80 Draw, drains W.; asc. 35 ft.
- 54.80 Spur, projects SW. approximately 4.00 chs. dist.; desc. abruptly 85 ft.
- 57.80 Draw, drains W.; steep ascent of 170 ft.
- 62.20 A small reservoir bears west 7.50 chs. dist.
- 68.40 Spur, slopes W. about 3.00 chs. dist.; precipitous descent of 65 ft.
- 69.70 Draw, drains SW.; asc. abruptly 120 ft.
- 73.30 Top of nearly perpendicular ledge, 75 ft. high, bears NW. and SE.
- 74.10 Spur, projects SW. approximately 10.00 chs. dist.; precipitous descent of 185 ft. over NW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked:

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

T17S.	
R24E	R25E
S24	S19
S25	S30
1924	

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

Land, gently rolling top of reef, S. 20.00 chs.; mountainous and rough mountainous, N. 60.00 chs.; shale and sandstone exposed in the form of outcroppings, boulders and ledges, N. 20.00 chs.; general drainage SE. by San Arroyo Wash.

Soil, red sandy loam, about 1 ft. deep, lying on a white chalky subsoil, on top of reef; red sandy loam, several ft. deep, in the bottom of San Arroyo Canyon; shallow red sand, lying on a clay subsoil, or on shale, on the mountainous portions.

Timber, cedar.

Undergrowth, sagebrush, shadscale, yellow top and greasewood.

Fair growth of grass, S. $\frac{1}{2}$ mile; poor grazing, N. $\frac{1}{2}$ mile

North, bet. secs. 19 and 24.

Desc. NW. slope 5 ft., through scattering undergrowth.

0.80 Draw, drains SW.; precipitous ascent of 235 ft., over SE. slope.

4.70 Foot of sloping ledge, 60 ft. high, bears W. about 5.00 chs. dist. and E. about 5.00 chs. dist., thence SE.

5.60 Top of the ledge, bears W. about 5.00 chs. dist. and E. about 5.00 chs. dist., thence SE.

6.40 Spur, projects SW. approximately 10.00 chs. dist.; enters scattering timber; desc. 75 ft.

10.00 Draw, drains SW.; asc. 65 ft.

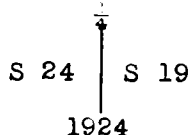
13.90 Spur, slopes SW. about 2.00 chs. dist.; abrupt descent of 205 ft.

16.00 Top of broken ledge, 25 ft. high, bears E. about 5.00 chs. dist., thence NE. and W. about 1.00 chs. dist., thence SW.

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

- 21.10 Ravine, drains SW.; steep ascent of 150 ft.
- 22.50 Foot of sloping ledge, 20 ft. high, bears NE. about 5.00 chs. dist. and SW. about 2.00 chs. dist.
- 22.80 Top of the ledge, bears NE. about 5.00 chs. dist. and SW. about 2.00 chs. dist.
- 23.90 Spur, projects SW. approximately 8.00 chs. dist.; desc. abruptly 125 ft.
- 36.50 Base of abrupt descent, bears NE. and SW.; desc. gradual NW. slope 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 10 ins. diam., bears S.68°15'E., 160 lks. dist., marked $\frac{1}{4}$ S 19 B T.

There are no other trees available; therefore, I raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Over nearly level bottom of San Arroyo Canyon, from this $\frac{1}{4}$ sec. cor.

- 45.60 Dry wash, 10 lks. wide, 4 ft. deep, drains SW.
- 55.00 San Arroyo Wash, from N., dry, 50 lks. wide, 4 ft. deep, drains S.10°W.; continue along bottom of the wash.
- 64.30 Leave wash, draining from NW.; asc. gradual SE. slope 25 ft. to
- 69.00 Begin precipitous ascent of 210 ft., over rugged SE. slope.
- 73.10 Top of nearly perpendicular ledge, 60 ft. high, bears E. and W. about 50 lks. dist., thence N.30°E.
- 75.20 Spur, slopes SW. about 4.00 chs. dist.; desc. abrupt NW. slope 160 ft. to sec. cor.
- 75.50 Top of same ledge as noted at 73.10 chs., 50 ft. high, bears N.30°E. and S.30°W.
- 80.00 At the base of descent, bearing NE. and SW., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the

Chains.

ground, for cor. of secs. 13, 18, 19 and 24, with
brass cap marked:

T17S	
R24E	R25E
S13	S18
S24	S19
1924	

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

There are no trees available suitable for marking.

Land, mountainous, rough with outcroppings, boulders and
ledges of sandstone formation; drainage generally S.
by San Arroyo Canyon.

Soil, shallow red sand, lying on a clay subsoil or on
bedrock; red sandy loam, several ft. deep, in the bot-
tom of San Arroyo Canyon.

Timber, sparse growth of cedar.

Undergrowth, sagebrush, shadscale and yellow top; dense
sagebrush in the bottom of San Arroyo Canyon.

Fair growth of grass.

North, bet. secs. 13 and 18.

Over gently rolling bottom of San Arroyo Canyon, through
dense undergrowth.

- 3.80 San Arroyo Wash, dry, 60 lks. wide, 4 ft. deep, drains SW
- 10.20 Same wash, 50 lks. wide, 4 ft. deep, drains SE.
- 15.80 Same wash, 50 lks. wide, 4 ft. deep, drains S. 10° W.
- 30.60 Leave bottom of canyon, bears NE. and SW.; leave dense
undergrowth and enter scattering, bears NE. and SW.;
begin ascent of 305 ft. over abrupt SE. slope.
- 35.20 Top of broken sloping ledge, 85 ft. high, bears NE. and
SW.; enter a medium growth of timber, bears NE. and SW.
- 39.70 Rugged spur, projects E. approximately 6.00 chs. dist.;
desc. N. slope 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	
S 13	S 18
1924	

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

from which,

A cedar, 6 ins. diam., bears S.58°45'E., 25
lks. dist., marked $\frac{1}{4}$ S 18 B T.

A pinon pine, 10 ins. diam., bears N.31°15'W., 93
lks. dist., marked $\frac{1}{4}$ S 13 B T.

41.10 Top of broken and nearly perpendicular ledge, 105 ft.
high, bears NW. and SE.

48.00 Draw, 190 ft. below $\frac{1}{4}$ sec. cor., drains E.; precipitous
ascent of 155 ft.

52.20 Spur, projects E. about 5.00 chs. dist.; steep descent of
210 ft.

64.10 Ravine, drains E.; asc. 85 ft.

74.20 Spur, slopes E. about 3.00 chs. dist.; desc. 80 ft.

75.30 Ravine, drains N.80°E.; asc. 65 ft. to

77.38 On top of spur, projecting S.80°E. approximately 3.00
chs. dist., set an iron post, 3 ft. long, 2 ins. in
diam., 27 ins. in the ground, for witness cor. of secs.
7, 12, 13 and 18, with brass cap marked:

WC	
T17S	
R24E	R25E
S12	S7
S13	S18
1924	

from which,

A cedar limb, 3 ins. diam., bears S.18°E., 63
lks. dist., marked B T.

A cedar limb, 8 ins. diam., bears N.20°W., 137
lks. dist., marked W C T 17 S R 24 E S 12 B T.

As there are no other trees available suitable for mark-
ing, I raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

From this witness sec. cor., desc. abruptly 60 ft. over
NE. slope to

80.00 The true point for cor. of secs. 7, 12, 13 and 18, falls
in dry wash, 30 lks. wide, 3 ft. deep, in the bottom
of San Arroyo Canyon, draining SE. Cor. not set.

Land, steep and mountainous, rugged with outcroppings,
large boulders and ledges of sandstone formation;

Survey of the West Boundary of T. 17 S., R. 26 E.

Chains.

general drainage S. by San Arroyo Canyon.

Soil, shallow red sand, lying on a clay subsoil or on bedrock; sandy loam, several ft. deep, in the bottom of San Arroyo Canyon.

Timber, cedar and pinon pine.

Undergrowth, sagebrush and shadscale.

Pair growth of grass.

From the true point for cor. of secs. 7, 12, 13 and 18, North, bet. secs. 7 and 12.

Asc. abrupt rough general SW. slope 205 ft., through a medium dense growth of timber and undergrowth.

- 4.50 Top of broken and nearly perpendicular ledge, 75 ft. high, bears NW. and SE.
- 11.00 Spur, projects W. approximately 5.00 chs. dist.; desc. 20 ft.
- 14.80 Draw, drains W.; asc. 15 ft.
- 15.70 Spur, projects W. about 6.00 chs. dist.; desc. 10 ft.
- 26.10 Draw, drains W.; asc. 60 ft.
- 29.20 Spur, projects W. approximately 6.00 chs. dist.; desc. 135 ft. to
- 41.00 At the base of descent, bearing NW. and SW., set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 12 ft. high, for 1 sec. cor., with brass cap marked:



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

All trees available are too scrubby for marking.

- 44.30 Spur, 45 ft. above 1 sec. cor., projects W. about 6.00 chs. dist.; desc. 120 ft.
- 53.10 Dry wash, 30 lks. wide, 3 ft. deep, in the bottom of San

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

Arroyo Canyon, drains SW. about 2.00 chs. dist., thence SE. about 2.00 chs. dist., thence SW.; precipitous ascent of 240 ft.

65.80 Spur, projects SE. approximately 10.00 chs. dist.; desc. 75 ft..

77.10 Ravine, drains SE.; asc. abrupt SW. slope 85 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs: 1, 6, 7 and 12, with brass cap marked:

T17S	
R24E	R25E
S1	S6
S12	S7
1924	

from which,

A cedar, 8 ins. diam., bears N.28°E., 84 lks. dist., marked T 17 S R 25 E S 6 B T.

A cedar, 8 ins. diam., bears S.68°E., 91 lks. dist., marked T 17 S R 25 E S 7 B T.

A cedar, 8 ins. diam., bears S.66°45'W., 21 lks. dist., marked T 17 S R 24 E S 12 B T.

A pinon pine, 8 ins. diam., bears N.62°15'W., 15 lks. dist., marked T 17 S R 24 E S 1 B T.

Land, steep and rough mountainous; sandstone exposed in the form of outcroppings, large boulders and ledges; general drainage S. by San Arroyo Canyon.

Soil, shallow red sand, lying on a clay subsoil or on bedrock; red sandy loam, several ft. deep, in the bottom of San Arroyo Canyon..

Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, sagebrush, shadscale, yellow top, oak brush and service berry bushes.

Fair to good growth of grass.

North, bet. secs. 1 and 6.

Asc. abrupt rough SW. slope 375 ft., through a medium

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.	
	dense growth of timber and scattering undergrowth.
14.30	Spur, projects SE.; precipitous descent of 205 ft.
33.50	Ravine, drains E. about 3.00 chs. dist., thence SE.; asc. 30 ft.
34.20	Spur, slopes E. approximately 3.00 chs. dist.; desc. 10 ft.
37.20	Head of ravine, drains SE.; precipitous ascent of 55 ft. to $\frac{1}{4}$ sec. cor., over SW. slope
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\frac{1}{4}$ S 1 \uparrow S 6 1924 </div>
	from which,
	A pinon pine, 6 ins. diam., bears S.29°E., 51 lks. dist., marked $\frac{1}{4}$ S. 6 B T.
	A cedar, 6 ins. diam., bears S.60°W., 14 lks. dist., marked $\frac{1}{4}$ S. 1 B T.
43.40	Spur, 155 ft. above $\frac{1}{4}$ sec. cor., projects SE. approxi- mately 35.00 chs. dist.; steep ascent of 645 ft., across the head of ravine, draining E.
59.60	Ridge, bears NE. and SW.; enter heavy growth of timber, bears NE. and SW.; desc. 50 ft.
68.00	Draw, drains W.; asc. 40 ft.
71.90	Spur, projects W. about 30.00 chs. dist.; desc. 80 ft.
79.50	Draw, drains W.; asc. 25 ft.
81.40	Spur, projects W. approximately 30.00 chs. dist.; desc. general W. slope 25 ft. to
83.47	Intersect the S. bdy. of sec. 31, T. 16 S., R. 25 E., east 33.13 chs. dist. from the cor. of Tps. 16 and 17 S., Rs. 24 and 25 E., which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, cor- rectly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes

Survey of the West Boundary of T. 17 S., R. 25 E.

Chains.

of T. 16 S., R. 24 E., Group No. 87.; and at the point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for closing cor. of Tps. 17 S., Rs. 24 and 25 E., with brass cap marked:

T16SR25E	
S31	
S1	S6
R24E	R25E
T17S	
C C	
1924	

from which,

A cedar, 10 ins. diam., bears S.56°E., 35 lks. dist., marked T 17 S R 25 E S 6 C C B T.

A pinon pine, 6 ins. diam., bears S.19°W., 25 lks. dist., marked T 17 S R 24 E S 1 C C B T.

I destroy all markings pertaining to T. 17 S., on the original cor. of Tps. 16 and 17 S., Rs. 24 and 25 E. and on its accessories, which now refers to T. 16 S. Land, steep and mountainous, and rough with outcroppings, large boulders and series of broken and perpendicular ledges of sandstone formation; drainage SE. into San Arroyo Canyon, S. 59.60 chs.; N. 23.87 chs. drain W. into fork of San Arroyo Canyon.

Soil, Shallow red sand and sandy loam, lying on a clay subsoil or on bedrock.

Timber, cedar and pinon pine; a few scattering balsam.

Undergrowth, varies from a scattering to a dense growth of sagebrush, shadscale, service berry bushes, oak and buck brush.

Fair growth of grass on portions of mile.

**Establishment of Quarter Sec. Cors. on North Boundary of
T. 17 S., R. 25 E.**

From the cor. of Tps. 16 S., Rs. 25 and 26 E., hereinbefore described,

West, along the N. bdy. of sec. 1.

6.61 Point midway bet. the true point for the closing cor. of Tps. 17 S., Rs. 25 and 26 E., hereinbefore described,

Establishment of Quarter Sec. Cors. on North Boundary of T. 17 S.,
Chains.

and the closing cor. of secs. 1 and 2, hereinafter described, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, only with brass cap marked:

$\frac{1}{4}$ S 1.
 1924

from which,

A cedar, 8 ins. diam., bears S.22°E., 61
 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A cedar, 10 ins. diam., bears S.41°E., 136
 lks. dist., marked $\frac{1}{4}$ S 1 B T.

The $\frac{1}{4}$ sec. cor., as originally established for secs. 1 and 36, is an iron post, 1 in. in diam., extending 9 ins. above ground, firmly set, correctly marked, and witnessed by two bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; but, as this cor. now refers to sec. 36, only, T. 16 S., R. 25 E., I efface the markings on the post and tree pertaining to sec. 1, T. 17 S.

From the cor. of secs. 35 and 36, on the S. bdy. of T. 16 S., R. 25 E., hereinafter described,
 West, along the N. bdy. of sec. 2.

6.365 Point midway bet. the closing cors. of secs. 1 and 2, and 2 and 3, hereinafter described, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2, only, with brass cap marked:

$\frac{1}{4}$ S 2
 1924

and raise a mound of stone, 3 ft. base, 1½ ft. high, S. of cor. All trees within a reasonable distance are too scrubby for marking.

The $\frac{1}{4}$ sec. cor., which was originally established for secs. 2 and 35, is an iron post, 1 in. in diam., extending 12 ins. above ground, firmly set in a large mound of stone, correctly marked and witnessed by two bearing

ishment of Quarter Sec. Cors. on N. Boundary of T. 17 S., R. 25 E.

Chains.

trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87. This cor. now refers to sec. 35, only, T. 16 S., R. 25 E.; therefore, I efface the markings on the post and tree pertaining to sec. 2, T. 17 S.

From the cor. of secs. 34 and 35, on the S. bdy. of T. 16 S., R. 25 E., hereinafter described,
West, along the N. bdy. of sec. 3.

6.165 Point midway bet. the closing cors. of secs. 2 and 3, and 3 and 4, hereinafter described, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 3, only, with brass cap marked:

$\frac{1}{4}$ S 3
1924

from which,

A cedar, 10 ins. diam., bears S.62°15'E., 69
lks. dist.; marked $\frac{1}{4}$ S 3 B T.

A cedar, 12 ins. diam., bears S.33°45'W., 22
lks. dist., marked $\frac{1}{4}$ S 3 B T.

The witness $\frac{1}{4}$ sec. cor., which was originally established to witness the true point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34, is an iron post, 1 in. in diam., extending 16 ins. above ground, firmly set in a large mound of stone, correctly marked and witnessed by two bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87. As this witness $\frac{1}{4}$ sec. cor. now refers to sec. 34, only, T. 16 S., R. 25 E., I destroy the markings on the post and tree pertaining to sec. 3, T. 17 S.

From the cor. of secs. 33 and 34, on the S. bdy. of T. 16 S., R. 25 E., hereinafter described,
West, along the N. bdy. of sec. 4.

5.99 Point midway bet. the closing cors. of secs. 3 and 4, and 4 and 5, hereinafter described, set an iron post,

Chains.

3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4, only, with brass cap marked:

$\frac{1}{4}$ S 4
1924

from which,

A cedar, 8 ins. diam., bears S.3°30'E., 40 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A cedar limb, 6 ins. diam., bears S.13°30'E., 31 lks. dist., marked $\frac{1}{4}$ S 4 B T.

The $\frac{1}{4}$ sec. cor., which was originally established for secs. 4 and 33, is an iron post, 1 in. in diam., extending 26 ins. above ground, firmly set in a large mound of stone, correctly marked and witnessed by two bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; but, as this cor. now refers to sec. 33, only, T. 16 S., R. 25 E., I efface the markings pertaining to sec. 4, T. 17 S., on the post and tree.

From the cor. of secs. 32 and 33, on the S. bdy. of T. 16 S., R. 25 E., hereinafter described, West, along the N. bdy. of sec. 5.

5.705 Point midway bet. the closing cors. of secs. 4 and 5, and 5 and 6, hereinafter described, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5, only, with brass cap marked:

$\frac{1}{4}$ S 5
1925

from which,

A pinon pine, 7 ins. diam., bears S.29°E., 54 lks. dist., marked $\frac{1}{4}$ S 5 B T.

A pinon pine, 12 ins. diam., bears S.17°30'W., 65 lks. dist., marked $\frac{1}{4}$ S 5 B T.

The $\frac{1}{4}$ sec. cor., which was originally established for secs. 5 and 32, is an iron post, 1 in. in diam., extending 30 ins. above ground, firmly set in a large mound of stone, correctly marked and witnessed by two bearing

Establishment of Quarter Sec. Cors. on North Boundary of T. 17 S., R. 25 E.

Chains.

trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87. This cor. now refers to sec. 32, only, T. 16 S., R. 25 E.; therefore, I destroy the markings pertaining to sec. 5, T. 17 S., on the post and tree.

From the cor. of secs. 31 and 32, on the S. bdy. of T. 16 S., R. 25 E., hereinafter described,
West, along the N. bdy. of sec. 6..

- 5.54 Point 40.00 chs. west of the closing cor. of secs. 5 and 6, hereinafter described, set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 6, only, with brass cap marked:

$\frac{1}{4}$ S 6
1925

from which,

A pinon pine, 14 ins. diam., bears S.8°E., 18 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A pinon pine, 10 ins. diam., bears S.31°W., 92 lks. dist., marked $\frac{1}{4}$ S 6 B T.

The $\frac{1}{4}$ sec. cor., which was originally established for secs. 6 and 31, is an iron post, 1 in. in diam., extending 30 ins. above ground, firmly set in a large mound of stone, correctly marked and witnessed by two bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87. As this cor. now refers to sec. 31, only, T. 16 S., R. 25 E., I efface the markings pertaining to sec. 6, T. 17 S., on the post and tree.

Survey of the Subdivision of T. 17 S., R. 25 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described,
N.0°01'W., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth; desc.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

general SW. slope 15 ft.

6.30 Draw, drains SW.; asc. 95 ft.

15.70 Spun, slopes SE. about 1.50 chs. dist.; enter scattering timber; desc. 30 ft.

19.20 Draw, drains E. approximately 3.00 chs. dist., thence southwesterly; asc. 20 ft.

20.70 Top of ascent, bears E. and W.; desc. gradually 15 ft. to $\frac{1}{4}$ sec. cor., over gently rolling land.

25.70 Leave timber; enter dense undergrowth, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 35 | S 36
 1924

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

53.90 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of hollow, 15 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. gradual SW. slope 25 ft. to sec. cor.

56.20 Woven wire fence, 5 ft. high, bears NW. and SE. about 5 lks. dist., thence NE.; the SE. corner of a woven wire circular corral, 70 lks. in diam., bears SE. 5 lks. dist.

59.70 Road, bears SE. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked:

T17S | R25E
 S26 | S25
 S35 | S36
 1924

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling, draining SW., S. 20.70 chs.; gently rolling, with general drainage SE., N. 59.30 chs.; shale and sandstone formation.

Soil, light clay, varying in depth from a few ins. to 3

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

ft., lying on a dark or blue clay subsoil, or on shale, S. 20.70 chs.; dark red sandy loam, about 6 ins. to 3 ft. deep, lying on a gravelly, light sand, or on a white chalky subsoil, N. 59.30 chs.

Timber, cedar.

Undergrowth, sagebrush, shadscale and salt brush.

Good grazing land, N. 59. 30 chs.

N.89°54'E., on a random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence,

S.89°56'W., on a true line bet. secs. 25 and 36.

Over gently rolling or nearly level land, through dense undergrowth.

15.80 Road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 25 \\ \frac{1}{4} \\ \hline S\ 36 \\ 1924 \end{array}$$

At the base of the monument, I deposit a sandstone, 5x5x4 ins., marked with a cross (X). Other accessories impracticable.

53.20 Swale, 15 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. gradual NE. slope 30 ft.

65.20 Woven wire fence, 5 ft. high, bears NE. and SW.

75.30 Spur, projects SE. about 7.00 chs. dist.; desc. 10 ft. to

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, gently rolling and nearly level, draining generally to the SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Undergrowth, sagebrush.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

No timber. Excellent growth of grass.

N.0°01'W., bet. secs. 25 and 26.

Over gently rolling land, through dense undergrowth;
asc. gradual SW. slope 20 ft.

10.00 Spur, projects SE.; desc. 15 ft.

24.80 Swale, drains SE.; asc. gradual SW. slope 15 ft. to $\frac{1}{4}$
sec. cor.

25.81 Woven wire fence, 5 ft. high, bears NW. and SE.

37.60 Road, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 26 \quad | \quad \text{S } 25 \\ 1924 \end{array}$$
and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.From this $\frac{1}{4}$ sec. cor., over nearly level land to sec.
cor.

70.00 Dry wash, 20 lks. wide, 6 ft. deep, drains SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 23, 24, 25 and 26,
with brass cap marked:

T17S	R25E
S23	S24
S26	S25
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.

Land, gently rolling and nearly level, draining SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
light clay, gravelly, light sand or on a white chalky
subsoil.

Undergrowth, dense sagebrush and scattering white sage.

No timber. Good grazing land.

N.89°56'E., on a random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains,

79.98 Intersect the E. bdy. of the Tp., at the cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Thence,

S.89°56'W., on a true line bet. secs. 24 and 25.

Over nearly level or gently rolling land, through dense undergrowth.

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 24 \\ \frac{1}{4} \\ S\ 25 \\ 1924 \end{array}$$

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

48.10 Dry wash, 10 lks. wide, 3 ft. deep, drains SE.

63.98 Road, bears NW. to Claude Taylor's ranch and SE. to the Pike's Peak-Ocean-to-Ocean Highway.

79.98 The cor. of secs. 23, 24, 25 and 26.

Land, nearly level and gently rolling, draining SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Undergrowth, dense sagebrush and scattering white sage.

No timber. Excellent growth of grass.

N.0°01'W., bet. secs. 23 and 24.

Over nearly level or gently rolling land, through dense undergrowth.

10.50 Road, bears NW. to Claude Taylor's ranch and SE. to the Pike's Peak-Ocean-to-Ocean Highway.

27.50 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{ccc} & \frac{1}{4} & \\ S\ 23 & | & S\ 24 \\ & 1924 & \end{array}$$

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.
 52.30 Dry wash, 10 lks. wide, 2 ft. deep, drains E.
 73.60 Dry wash, 20 lks. wide, 4 ft. deep, drains E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked:

T17S	R25E
S14	S13
S23	S24
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.
 Land, nearly level and gently rolling, draining generally to the SE.
 Soil, red sandy loam, about 1 to 3 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.
 Undergrowth, dense sagebrush and scattering white sage, No timber. Good growth of grass.

N.89°56'E., on a random line bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect the E. bdy. of the Tp., at the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
 Thence,
 S.89°56'W., on a true line bet. secs. 13 and 24.
 Over gently rolling land, through scattering undergrowth asc. gradual E. slope 15 ft.
 28.20 Spur, slopes S. about 3.00 chs. dist.; desc. W. slope 40 ft.
 33.00 Foot of descent, bears N. and S.; over nearly level land
 33.10 E. bank of Bitter Creek Wash, 5 ft. high, bears NW. and SE.; wash, dry, drains SE. about 10.00 chs. dist., thence E.
 35.00 W. bank of Bitter Creek Wash, 5 ft. high, bears NW. and SE.; enter dense undergrowth, bears NW. and SE.
 39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

S 13
+
S 24
1924

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

79.96 The cor. of secs. 13, 14, 23 and 24.

Land, gently rolling and nearly level, draining generally
to the SE.; sandstone formation.

Soil, red sandy loam, about 1 to 5 ft. deep, lying on a
light clay, gravelly, light sand or on a white chalky
subsoil.

Undergrowth, sagebrush and white sage.

No timber. Fair to excellent growth of grass.

N.0°01'W., bet. secs. 13 and 14.

Over nearly level land, through medium dense under-
growth.

25.10 Dry wash, 10 lks. wide, 1 ft. deep, drains E.

34.80 S. bank of Bitter Creek Wash, 10 ft. high, bears about
N.25°W. and E.; wash, dry, 1.00 chs. wide, drains E.;
continue along bottom of wash.

40.00 True point for $\frac{1}{4}$ sec. cor., falls in bottom of the wash.
Cor. not set.

41.30 On N. bank of Bitter Creek Wash, 10 ft. high, bearing
NW. and about S.25°E., set an iron post, 3 ft. long, 1
in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec.
cor., with brass cap marked:

+
S 14 | S 13
WC
1924

and raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W.
of cor.

From this witness $\frac{1}{4}$ sec. cor., asc. gradually 50 ft. over
gently rolling land to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 11, 12, 13 and 14,
with brass cap marked:

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

T17S	R25E
S11	S12
S14	S13

1924

from which,

A cedar, 14 ins. diam., bears N.77°15'E., 203 lks. dist., marked T 17 S R 25 E S 12 B T.

A cedar limb, 4 ins. diam., bears S.71°30'E., 183 lks. dist., marked T 17 S R 25 E S 13 B T.

There are no trees available in secs. 11 and 14; therefore, I raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor.

Land, level and gently rolling, draining generally to the SE.

Soil, red sandy loam, about 1 to 5 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Undergrowth, sagebrush, white sage and shadscale.

Timber, a few scattering cedar.

Fair to a good growth of grass.

N.89°56'E., on a random line bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

79.98 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence,

S.89°58'W., on a true line bet. secs. 12 and 13.

Over rolling land, through scattering timber and medium dense undergrowth; desc. gradual NW. slope 15 ft.

5.60 Dry wash, 10 lks. wide, 4 ft. deep, drains SW.

10.10 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. 35 ft.

16.90 Spur, projects SE. approximately 5.00 chs. dist.; enter a heavy growth of timber, bears NW. and SE.; desc. 30 ft.

19.70 Dry wash, 30 lks. wide, 10 ft. deep, in the bottom of hollow, drains SE.; asc. 25 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

- Chains.
- 23.20 Spur, projects S. about 30.00 chs. dist.; desc. 10 ft.
- 26.20 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.
- 27.60 Spur, slopes SE., approximately 2.00 chs. dist.; desc. 15 ft.
- 29.60 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. 50 ft.
- 38.10 Ridge, bears NW. and SE.; desc. SW. slope 20 ft. to
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 12

 S 13
 1924

from which,

A cedar, 4 ins. diam., bears N. $42^{\circ}30'E.$, 15 lks. dist., marked $\frac{1}{4}$ S 12 B T.

A cedar, 6 ins. diam., bears S. $10^{\circ}15'W.$, 32 lks. dist., marked $\frac{1}{4}$ S 13 B T.

- 41.00 Leave heavy growth of timber, bears N. and S., and enter scattering.
- 44.80 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of hollow, 20 ft. below $\frac{1}{4}$ sec. cor., drains S. $20^{\circ}E.$; asc. 25 ft.
- 57.80 Spur, projects southeasterly about 30.00 chs. dist.; desc. 45 ft.
- 61.30 Leave timber.
- 67.00 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.
- 71.30 Ridge, bears N. and S.; desc. 15 ft.
- 79.00 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of hollow, drains SE.; asc. gradual NE. slope 10 ft. to
- 79.98 The cor. of secs. 11, 12, 13 and 14.
- Land, rolling, draining S. and SE. into Bitter Creek Wash.
- Soil, red sand or red sandy loam, about 1 to 4 ft. deep, lying on a light clay or on a white chalky subsoil.
- Timber, cedar and pinon pine.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Undergrowth, sagebrush, shadscale and white sage.
Fair growth of grass.

N.0°01'W., bet. secs. 11 and 12.

Over gently rolling land, through dense undergrowth;
desc. gradual NE. slope 10 ft.

12.90 Dry wash, 30 lks. wide, 6 ft. deep, in the bottom of hole
low, drains SE. about 5.00 chs. dist., thence S.; asc.
gradually 60 ft. to $\frac{1}{4}$ sec. cor., along gentle W. slope

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

	$\frac{1}{4}$	
S 11	|	S 12
	1924	

from which,

A cedar, 10 ins. diam., bears S.82°15'E., 454
lks. dist., marked $\frac{1}{4}$ S 12 B T.

A cedar limb, 4 ins. diam., bears N.87°45'W., 410
lks. dist., marked $\frac{1}{4}$ S 11 B T.

65.00 Enter scattering timber.

80.00 On a gentle W. slope, 50 ft. above $\frac{1}{4}$ sec. cor., set an
iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the
ground, for cor. of secs. 1, 2, 11 and 12, with brass
cap marked:

T17S	|	R25E
S2	|	S1
S11	|	S12
	1924.	

from which,

A cedar, 12 ins. diam., bears N.76°15'E., 167
lks. dist., marked T 17 S R 25 E S 1 B T.

A cedar, 10 ins. diam., bears S.22°30'E., 53
lks. dist., marked T 17 S R 25 E S 12 B T.

A cedar, 4 ins. diam., bears S.55°30'W., 88
lks. dist., marked T 17 S R 25 E S 11 B T.

A cedar, 10 ins. diam., bears N.21°45'W., 172
lks. dist., marked T 17 S R 25 E S 2 B T.

Land, gently rolling, draining SE.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Soil, red sand and red sandy loam, about 1 to 5 ft. deep, lying on a light clay, gravelly, light sand, or on a white chalky subsoil..

Timber, cedar.

Undergrowth, sagebrush, shadscale and white sage.

Fair growth of grass.

N.89°58'E., on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the E. bdy. of the Tp., at the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence,

S.89°58'W., on a true line bet. secs. 1 and 12.

Asc. gradual NE. slope 15 ft., over rolling land, through scattering undergrowth.

6.00 Enter scattering timber.

7.70 Low ridge, bears NW. and SE.; enter medium dense undergrowth, bears NW. and SE.; desc. 30 ft.

17.20 Wild Cow Wash, 60 lks. wide, 15 ft. deep, in the bottom of hollow, drains SE.; asc. 70 ft.

21.90 Enter a heavy growth of timber, bears NW. and SE.

34.70 Spur, projects SE.; desc. SW. slope 30 ft. to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 1
 $\frac{1}{4}$
 S 12
 1924

from which,

A cedar, 8 ins. diam., bears N.62°15'E., 132

lks. dist., marked $\frac{1}{4}$ S 1 B T.

A cedar, 8 ins. diam., bears S.61°E., 106

lks. dist., marked $\frac{1}{4}$ S 12 B T.

40.20 Draw, 25 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. 25 ft.

42.10 Spur, slopes S. about 2.00 chs. dist.; desc. 15 ft.

44.60 Dry wash, 30 lks. wide, 6 ft. deep, in the bottom of draw, drains S. approximately 5.00 chs. dist., thence SE.; asc. 20 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

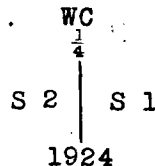
Chains.

- 47.80 Spur, slopes S. about 2.00 chs. dist.; desc. 30 ft.
- 50.20 Hollow, drains SE.; asc. 30 ft.
- 56.00 Ridge, bears NW. and SE.; leave heavy growth of timber, bears NW. and SE., and enter scattering; desc. 10 ft.
- 61.00 Hollow, drains S.10°E.; asc. gradually 10 ft.
- 66.00 Ridge, bears N. and S.; desc. gradually 15 ft. to
- 79.98 The cor. of secs. 1, 2, 11 and 12.
- Land, rolling, draining S. and SE.
- Soil, red sand and red sandy loam, varying in depth from 1 to several ft., lying on a light clay, gravelly, light sand or on a white chalky subsoil.
- Timber, cedar and pinon pine.
- Undergrowth, sagebrush.
- Fair grazing land.

Monument on true line bet. secs. 1 and 2.

Over gently rolling land, through scattering timber and undergrowth; asc. gradually 40 ft. to witness $\frac{1}{4}$ sec. cor., along gentle W. slope.

- 39.80 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 10 ins. diam., bears N.19°30'E., 146 lks. dist., marked W C $\frac{1}{4}$ S 1 B T.

A cedar, 4 ins. diam., bears N.26°15'W., 29 lks. dist., marked W C $\frac{1}{4}$ S 2 B T.

- 40.00 True point for $\frac{1}{4}$ sec. cor., falls on S. edge of a wash, where it is impracticable to set an iron post, as the wash is likely to widen by water from cloud bursts.
- 40.20 Dry wash, 20 lks. wide, 4 ft. deep, drains S.30°W.
- 60.00 Bearing of ascent changes from N. and S. to NW. and SE.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

82.95

Intersect the S. bdy. of sec. 36, T. 16 S., R. 25 E., east 33.45 chs. dist. from the cor. of secs. 1, 2, 35 and 36, which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 1 and 2, with brass cap marked:

T16SR25E	
S36	
S2	S1
T17S	R25E
CC	
1924	

from which,

A cedar, 10 ins. diam., bears S.15°45'E., 206.

lks. dist., marked T 17 S R 25 E S 1 C C B T.

A cedar, 8 ins. diam., bears S.5°30'W., 309

lks. dist., marked T 17 S R 25 E S 2 C C B T.

This closing sec. cor. is located 65 ft. above the true point for the $\frac{1}{2}$ sec. cor.

The sec. cor., which was originally established for the cor. of secs. 1, 2, 35 and 36, Tps. 16 and 17 S., R. 25 E., now refers to secs. 35 and 36, T. 16 S., R. 25 E.; therefore, I efface the markings pertaining to secs. 1 and 2, T. 17 S., R. 25 E., on the post and trees.

Land, gently rolling, draining generally to the S.

Soil, red sand and red sandy loam, varying from about 1 to 4 ft. in depth, lying on a gravelly, light sand or on a light clay subsoil.

Timber, cedar.

Undergrowth, sagebrush, shadscale and white sage.

Fair growth of grass.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described, N.0°01'W., bet. secs. 34 and 35. Asc. SW. slope 10 ft., through scattering shadscale and salt brush.
2.90	Spur, projects SE.; desc. 10 ft.
4.30	Draw, drains SE.; asc. 70 ft.
12.30	Spur, projects SE.; enter scattering timber and sage- brush; desc. 35 ft.
17.50	Draw, drains E.; asc. 20 ft.
23.20	Spur, projects SE. approximately 5.00 chs. dist.; leave shadscale and salt brush, and enter medium dense growth of sagebrush, bears NW. and SE.; desc. 40 ft. to the true point for $\frac{1}{4}$ sec. cor.
34.30	Leave timber.
39.90	Dry wash, 60 lks. wide, 4 ft. deep, in the bottom of Winter Camp Draw, drains SE.
40.00	True point for $\frac{1}{4}$ sec. cor. falls in the wash. Cor. not set
41.00	In the level bottom of the draw, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for wit- ness $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: center;">$\frac{1}{4}$ S 34 | S 35 WC 1924</div>
	and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.
46.50	Dry wash, 10 lks. wide, 2 ft. deep, drains S.10°E.
60.00	Spur, 130 ft. above the true point for $\frac{1}{4}$ sec. cor., pro- jects SE. approximately 12.00 chs. dist.; enter a heavy growth of timber, bears E. and W.; desc. 30 ft.
62.00	Draw, drains SE.; asc. 10 ft.
64.80	Top of ascent, bears NW. and SE.; over nearly level land to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked:

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

T17S	R25E ✓
S27	S26
S34	S35
1924	

from which,

A cedar, 6 ins. diam., bears N.12°E., 157
lks. dist., marked T 17 S R 25 E S 26 B T.

A cedar, 8 ins. diam., bears S.47°45'E., 170
lks. dist., marked T 17 S R 25 E S 35 B T.

A cedar, 8 ins. diam., bears S.24°45'W., 307
lks. dist., marked T 17 S R 25 E S 34 B T.

A cedar, 16 ins. diam., bears N.34°45'W., 207
lks. dist., marked T 17 S R 25 E S 27 B T.

Land, rolling bad lands, S. 64.80 chs.; nearly level, N.
15.20 chs.; shale and sandstone formation; general
drainage SE.

Soil, light clay, varying in depth from about 4 ins. to
4 ft., lying on a dark or blue clay subsoil, or on
shale, S. 64.80 chs.; dark red sandy loam, about 6 to
18 ins. deep, lying on a light, gravelly sand, or on a
white chalky subsoil, N. 15.20 chs.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and salt brush.

Poor to fair growth of grass.

N.89°54'E., on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
25, 26, 35 and 36.

Thence,

S.89°52'W., on a true line bet. secs. 26 and 35.

Over gently rolling land, through dense undergrowth;
desc. gradual SW. slope 20 ft.

5.10 Dry wash, 10 lks. wide, 4 ft. deep, drains S.10°E.

29.90 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

32.24 Woven wire fence, 5 ft. high, bears NE. and SW.

33.20 Road, bears NW. and SE.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.
35.00
39.97

Hollow, drains SE.; asc. gradual NE. slope 5 ft. to
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$ S 26
S 35
1924

At the base of the monument, I deposit a sandstone,
6x6x2 ins., marked with a cross (X). Other accessories
impracticable.

From this $\frac{1}{4}$ sec. cor., continue gradual ascent of 60 ft.
to sec. cor., over NE. slope.

62.90 Enter a heavy growth of timber, bears NW. and SE.

79.94 The cor. of secs. 26, 27, 34 and 35.

Land, nearly level and gently rolling, draining SE.

Soil, red sand and sandy loam, about 1 to 5 ft. deep,
lying on a light clay or on a white chalky subsoil.

Timber, cedar and pinon pine.

Undergrowth, sagebrush and white sage.

Good grazing land.

N.0°01'W., bet. secs. 26 and 27.

Over gently rolling land, through a heavy growth of
timber and dense undergrowth; desc. gradual NE. slope
30 ft.

14.10 Leave timber, bears NW. and SE.

19.80 Hollow, drains SE.; asc. gradually 45 ft.

21.60 Road, bears N.60°W. and S.60°E.

33.60 Enter a medium dense growth of timber, bears E. and W.

35.60 Spur, projects southeasterly approximately 45.00 chs.
dist.; desc. NE. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
S 27 S 26
1924

from which,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar, 8 ins. diam., bears S.79°45'E., 57
lks. dist., marked $\frac{1}{4}$.S 26 B T.

A cedar, 6 ins. diam., bears S.53°W., 21
lks. dist., marked $\frac{1}{4}$.S 27 B T.

41.50 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc. gradually 5 ft.

47.50 Spur, projects E. approximately 5.00 chs. dist.; desc. 20 ft.

54.70 Draw, drains S.60°E.; asc. 25 ft.

56.40 Spur, slopes E. about 1.00 chs. dist.; desc. 20 ft.

61.30 Leave timber, bears E. and W.

69.50 Draw, drains SE.; asc. 15 ft.

74.50 Top of ascent, bears NW. and SE.; desc. gradual NE.
slope 5 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 22, 23, 26 and 27,
with brass cap marked:

T17S	R25E
S22	S23
S27	S26
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.

Land, rolling and gently rolling, draining SE.

Soil, red sand and red sandy loam, about 1 to 5 ft. deep,
lying on a light clay, gravelly, light sand, or on a
white chalky subsoil.

Timber, cedar and pinon pine.

Undergrowth, sagebrush and white sage.

Scattering to a fair growth of grass.

N.89°52'E., on a random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
23, 24, 25 and 26.

Thence,

S.89°53'W., on a true line bet. secs. 23 and 26.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- Over gently rolling land, through dense undergrowth;
desc. gradual SW. slope 15 ft.
- 15.00 Dry wash, 20 lks. wide, 7 ft. deep, in the bottom of
swale, drains SE. about 1.00 chs. dist., thence north
easterly approximately 6.00 chs. dist., thence SE.;
asc. gradual NE. slope 25 ft. to
- 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$ S 23

S 26
1924
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft.
dist.
- 52.40 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximat
ly 40.00 chs. dist.; desc. gradually 5 ft.
- 58.30 Swale, drains SE.; asc. 20 ft.
- 67.40 Top of ascent, bears NW. and SE.; desc. 10 ft.
- 72.40 Draw, drains SE.; asc. 10 ft. to
- 79.92 The cor. of secs. 22, 23, 26 and 27.
- Land, gently rolling, draining SE.
- Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
light clay or on a white chalky subsoil.
- Undergrowth, sagebrush.
- No timber. Good grazing land.

N. 0° 01' W., bet. secs. 22 and 23.

Desc. gradually 15 ft., over gently rolling land,
through dense undergrowth.

- 11.00 Swale, drains SE.; asc. 20 ft.
- 25.00 Spur, projects SE.; desc. gradually 5 ft.
- 30.90 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of
swale, drains SE.; asc. gradual SW. slope 5 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$

S 22 S 23
1924

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

At the base of the monument, I deposit a sandstone, 6x4x2 ins., marked with a cross (X). Other accessories impracticable.

From this $\frac{1}{4}$ sec. cor., continue gradual ascent of 20 ft., over SW. slope to sec. cor.

57.30 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

78.60 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap marked:

T17S	R25E
S15	S14
S22	S23
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, gently rolling, draining SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a light clay or on a white chalky subsoil.

Undergrowth, sagebrush and white sage.

No timber. Excellent growth of grass.

N.89°53'E., on a random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence,

S.89°51'W., on a true line bet. secs. 14 and 23.

Over gently rolling land, through dense undergrowth.

10.90 Dry wash, 20 lks. wide, 3 ft. deep, drains SE.

19.20 Dry wash, 20 lks. wide, 4 ft. deep, drains S.60°E.

39.94 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 14
$\frac{1}{4}$
S 23
1924

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- 50.90 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.
- 65.60 Road, bears NW. to Claude Taylor's ranch and SE. to the Pike's Peak-Ocean-to-Ocean Highway.
- 74.90 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.
- 79.88 The cor. of secs. 14, 15, 22 and 23.
- Land, nearly level and gently rolling, draining SE.
- Soil, red sandy loam, about 1 to 4 ft. deep, lying on a light clay or on a white chalky subsoil.
- Undergrowth, sagebrush and white sage.
- No timber. Fair to good growth of grass.

N.0°01'W., bet. secs. 14 and 15.

Over gently rolling land, through scattering sagebrush and white sage.

- 4.30 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.
- 13.30 Road, bears NW. to Claude Taylor's ranch and SE. to the Pike's Peak-Ocean-to-Ocean Highway.
- 20.00 Enter dense sagebrush, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{ccc} & \frac{1}{4} & \\ & | & \\ S\ 15 & & S\ 14 \\ & 1924 & \end{array}$$

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

- 53.30 Bitter Creek Wash, 70 lks. wide, 25 ft. deep, drains E.
- 70.00 Top of descent, bears NW. and SE.
- 80.00 15 ft. below top of descent, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked:

$$\begin{array}{cc|cc} T17S & & R25E & \\ S10 & & S11 & \\ \hline S15 & & S14 & \\ & 1924 & & \end{array}$$

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling, draining generally to the SE.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Soil, red sandy loam, about 1 to 5 ft. deep, lying on a light clay or on a white chalky subsoil.

Undergrowth, sagebrush and white sage:

Timber, a few cedar on N. 10.00 chs:

Fair growth of grass.

N. 89° 51' E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence,

S. 89° 53' W., on a true line bet. secs. 11 and 14.

Asc. gradual E. slope 20 ft., over rolling land, through dense undergrowth.

13.20 Spur; projects S. approximately 25.00 chs. dist.; desc. gradually 5 ft.

17.10 Draw, drains S.; asc. 10 ft.

21.60 Spur, projects S. about 10.00 chs. dist.; desc. gradually 15 ft.

35.40 Dry wash, 20 lks. wide, 8 ft. deep, in the bottom of swale, drains SE.; asc. gradual NE. slope 10 ft. to

39.90 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 11 \\ \hline S\ 14 \\ 1924 \end{array}$$

At the base of the monument, I deposit a sandstone, 5x4x3 ins., marked with a cross (X). Other accessories impracticable.

64.80 Top of hill, 40 ft. above $\frac{1}{4}$ sec. cor., bears NW. approximately 10.00 chs. dist. and SE. about 5.00 chs. dist.; desc. 15 ft.

72.30 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. gradual NE. slope 15 ft. to

79.80 The cor. of secs. 10, 11, 14 and 15.

Land, rolling, draining SE. into Bitter Creek Wash.

34.
Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Soil, red sandy loam, about 1 to 4 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Undergrowth, dense sagebrush, scattering greasewood and white sage.

No timber. Fair grazing land.

N.0°01'W., bet. secs. 10 and 11.

Over gently rolling land, through medium dense undergrowth; desc. gradual NE. slope 15 ft.

13.10 Dry wash, 10 lks. wide, 2 ft. deep, in the head of draw drains SE.

28.60 Dry wash, 30 lks. wide, 6 ft. deep, in the bottom of swale, drains S.10°E. about 5.00 chs. dist., thence E. approximately 15.00 chs. dist., thence SE.; asc. gradual SW. slope 15 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{ccc} & \frac{1}{4} & \\ S\ 10 & | & S\ 11 \\ & 1924 & \end{array}$$

At the base of the monument, I deposit a sandstone, 6x6x3 ins., marked with a cross (X). Other accessories impracticable.

51.60 Dry wash, 10 lks. wide, 2 ft. deep, drains E. about 2.00 chs. dist., thence SE.

51.80 Enter scattering timber.

59.30 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., slopes SE. about 4.00 chs. dist.; leave timber; desc. 10 ft.

62.50 Dry wash, 10 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.

69.30 Spur, projects SE. approximately 30.00 chs. dist.; desc. gradual NE. slope 10 ft. to sec. cor.

74.70 Dry wash, 10 lks. wide, 2 ft. deep, drains S.70°E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked:

T17S	R25E
S3	S2
S10	S11
1924	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, nearly level and gently rolling, draining SE.

Soil, red sandy loam, about 1 to 5 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Timber, cedar.

Undergrowth, sagebrush, greasewood and white sage.

Fair growth of grass.

N.89°53'E., on a random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence,

S.89°51'W., on a true line bet. secs. 2 and 11.

Over rolling land, through scattering timber and medium dense undergrowth; desc. gradual W. slope 20 ft.

4.30 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of hollow, drains S.30°W.; asc. gradually 40 ft.

12.80 Dry wash, 20 lks. wide, 4 ft. deep, drains S.

20.10 Spur, from N., projects southeasterly approximately 40.00 chs. dist.; enter a medium dense growth of timber, bears N. and S.; desc. 15 ft.

23.30 Leave timber, bears N. and S.

27.00 Dry wash, 20 lks. wide, 10 ft. deep, drains SE. about 1.00 chs. dist., thence S.10°W.

29.80 Dry wash, 10 lks. wide, 2 ft. deep, drains S. about 2.00 chs. dist., thence S.20°W.

34.30 Dry wash, 110 lks. wide, 15 ft. deep, in the bottom of hollow, drains SE.; asc. gradual NE. slope 10 ft. to

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 2 \\ \frac{1}{4} \overline{) S\ 11} \\ 1924 \end{array}$
	from which,
	A cedar, 6 ins. diam., bears N.82°30'W., 303 lks. dist., marked $\frac{1}{4}$ S 2 B T.
	A cedar, 4 ins. diam., bears S.70°15'W., 367 lks. dist., marked $\frac{1}{4}$ S 11 B T.
42.40	Dry wash, 20 lks. wide, 4 ft. deep, drains SE.
43.00	Enter a medium dense growth of timber, bears NW. and SE.
54.70	Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects SE.; desc. 40 ft.
55.30	Leave timber, bears NW. and SE.
63.10	Dry wash, 20 lks. wide, 15 ft. deep, in the bottom of draw, drains SE.; asc. gradual NE. slope 30 ft. to
79.78	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling and gently rolling, draining SE.
	Soil, red sand and red sandy loam, about 1 to 5 ft. deep lying on a light clay, gravelly, light sand or on a white chalky subsoil.
	Timber, cedar and pinon pine.
	Undergrowth, sagebrush and white sage.
	Fair growth of grass.
	N.0°01'W., on a true line bet. secs. 2 and 3.
	Desc. gradual NE. slope 15 ft., over rolling land, through scattering undergrowth.
13.00	Dry wash, 20 lks. wide, 3 ft. deep, drains S.80°E.
19.00	Dry wash, 20 lks. wide, 6 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.
24.90	Spur, projects SE. approximately 7.00 chs. dist.; desc. 10 ft.
26.20	Dry wash, 20 lks. wide, 6 ft. deep, in the bottom of draw, drains SE.; asc. 80 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- 34.80 Spur, projects SE.; enter scattering timber; desc. NE. slope 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- S 3 S 2

1924
- from which,
- A cedar, 10 ins. diam., bears S.12°45'E., 334 lks. dist., marked $\frac{1}{4}$ S 2 B T.
- A cedar, 6 ins. diam., bears S.54°30'W., 134 lks. dist., marked $\frac{1}{4}$ S 3 B T.
- 41.70 Dry wash, 10 lks. wide, 2 ft. deep, drains S.80°E.
- 45.30 Dry wash, 10 lks. wide, 3 ft. deep, drains SE.
- 53.80 Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, 20 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. abrupt SW. slope 60 ft.
- 60.60 S. edge of mesa, bears NW. and SE.; over nearly level top.
- 68.50 N. edge of mesa, bears E. and W.; desc. NE. slope 20 ft.
- 75.50 Draw, drains SE.; asc. 40 ft.
- 78.50 Spur, projects SE. approximately 15.00 chs. dist.; desc. 20 ft.
- 82.50 Draw, drains SE.; asc. SW. slope 10 ft. to
- 83.16 Intersect the S. bdy. of sec. 35, T. 16 S., R. 25 E., east 33.78 chs. dist. from the cor. of secs. 2, 3, 34 and 35, which is an iron post, 2 ins. in diam., extending $1\frac{1}{2}$ ft. above ground, firmly set in a large mound of stone, correctly marked and witnessed by four bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap marked:

Chains.

T16SR25E	
S 35	
S3	S2
T17S	R25E
C C	
1924	

from which,

A cedar, 14 ins. diam., bears S.45°45'W., 101

lks. dist., marked T 17 S R 25 E S 3 C C B T.

As there are no trees available in sec. 2, suitable for marking, I raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

The sec. cor., which was originally established for the cor. of secs. 2, 3, 34 and 35, Tps. 16 and 17 S., R. 25 E., now refers to secs. 34 and 35, T. 16 S., R. 25 E.; therefore, I destroy the markings pertaining to secs. 2 and 3, T. 17 S., R. 25 E., on the post and trees.

Land, rolling, draining SE.; sandstone and shale formation.

Soil, red sand and red sandy loam, about 1 to 5 ft. deep lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and white sage.

Fair grazing land.

From the true point for cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described, N.0°02'W., bet. secs. 33 and 34.

Over rolling land, through scattering short shadscale, greasewood and salt brush; desc. gradual general NE. slope 15 ft.

6.90 Dry wash, 50 lks. wide, 20 ft. deep, drains SE.

9.80 S. bank of San Arroyo Wash, 15 ft. high, bears NW. and SE.; wash, dry, in bottom of swale, drains SE.

11.70 N. bank of San Arroyo Wash, 15 ft. high, bears NW. and SE.; begin gradual ascent of 50 ft., over general SW. slope.

Survey of the Subdivision of T. 17 S., R. 25 E.

- Chains.
- 28.30 Spur, projects SW. approximately 10.00 chs. dist.; desc. 25 ft.
- 34.80 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SW.; asc. 15 ft.
- 37.80 Spur, projects SW. about 15.00 chs. dist.; desc. 10 ft. to true point for $\frac{1}{4}$ sec. cor.
- 39.90 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains SW.
- 40.00 True point for $\frac{1}{4}$ sec. cor. falls in the wash. or not set.
- 40.40 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 33 | S 34
 W C
 1924

At the base of the monument, I deposit a volcanic stone, 12x9x2 ins., marked with a cross (X). Other accessories impracticable.

- 47.90 Spur, 40 ft. above the true point for $\frac{1}{4}$ sec. cor., projects S.10°W. approximately 8.00 chs. dist.; desc. 10 ft.
- 50.70 Draw, drains S.10°W.; asc. 15 ft.
- 55.40 Spur, slopes SW. about 1.00 chs. dist.; desc. 10 ft.
- 56.20 Draw, drains S.10°W. about 2.00 chs. dist., thence S.; asc. 15 ft.
- 57.50 Spur, projects S.25°W. approximately 25.00 chs. dist.; asc. 90 ft. across the head of draw, draining SW.
- 65.50 Spur, projects SE. about 5.00 chs. dist., then forks SE. and S.25°W.; desc. 25 ft.
- 66.80 Draw, drains SE.; asc. 80 ft.
- 70.50 Ridge, bears W. and southeasterly; enter a medium dense growth of timber, bears NW. and SE.; leave shadscale, salt brush and greasewood, and enter a medium dense growth of sagebrush, bears NW. and SE.; desc. general NE. slope 35 ft. to

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

.80.00 Set an iron post, 3 ft. long, .2 ins. in diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked:

T17S	R25E
S28	S27
S33	S34
1924	

from which,

A cedar, 5 ins. diam., bears S.34°15'E., 327

lks. dist., marked T 17 S R 25 E S 34 B T.

A cedar, 6 ins. diam., bears S.65°30'W., 180

lks. dist., marked T 17 S R 25 E S 33 B T.

A cedar, 8 ins. diam., bears N.66°30'W., 313

lks. dist., marked T 17 S R 25 E S 28 B T.

At the base of the monument, I deposit a volcanic stone 12x6x2 ins., marked with a cross (X). Other accessor impracticable.

Land, rolling bad lands, S. 70.50 chs.; gentle NE. slope N. 9.50 chs.; shale and sandstone formation; general drainage SE.

Soil, light clay, about 4 ins. to 2 ft. deep, lying on dark or blue clay subsoil, or on shale, S. 70.50 chs sandy loam, several ft. deep, in the swale or on the bottom land of San Arroyo Wash; red sand or sandy loam about 1 to 3 ft. deep, lying on a light clay or on a white chalky subsoil, N. 9.50 chs.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, salt brush and greasewood.

Scattering growth of grass.

N.89°54'E., on a random line bet. secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence,

S.89°56'W., on a true line bet. secs. 27 and 34.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Asc. gradual NE. slope 10 ft., over gently rolling land, through a medium dense growth of timber and undergrowth.

6.90 Enter a heavy growth of timber, bears N. and S.

7.20 Top of ascent, bears N.20°W. and S.20°E.

8.30 Draw, 15 ft. below top of ascent, drains S.20°E.; asc. 10 ft.

11.90 Spur, projects S. approximately 15.00 chs. dist.; desc. 60 ft.

20.70 Draw, drains SE.; asc. 70 ft.

29.10 Spur, projects southeasterly about 12.00 chs. dist.; desc. SW. slope 85 ft. to $\frac{1}{4}$ sec. cor.

31.40 Leave heavy growth of timber and enter scattering, bears N. and S.

34.60 Dry wash, 10 lks. wide, 2 ft. deep, drains SW.

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 27
—
S 34
1924

and raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor., as there are no trees available suitable for marking.

41.80 Dry wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains S.60°E.; asc. 25 ft.

48.00 Spur, projects SE. approximately 15.00 chs. dist.; desc. 20 ft.

56.00 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of Winter Camp Draw, drains SE.; asc. gradual NE. slope 45 ft. to

79.96 The cor. of secs. 27, 28, 33 and 34.

Land, gently rolling and rolling, draining generally to the SE.; sandstone and shale formation.

Soil, red sand and red sandy loam, about 4 ins. to 3 ft. deep, lying on a light clay, gravelly, light sand or on a white chalky subsoil.

Timber, cedar and pinon pine.

Chains. Undergrowth, sagebrush.
Fair to good growth of grass.

N.0°02'W., bet. secs. 27 and 28.

Desc. gradual NE. slope 15 ft., through dense undergrowth.

21.10 Dry wash, 20 lks. wide, 2 ft. deep, in the bottom of Winter Camp Draw, drains SE.; asc. SW. slope 85 ft. to $\frac{1}{4}$ sec. cor.

25.00 Enter a medium dense growth of timber, bears E. and W.

40.00 On top of spur, projecting SE., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

	$\frac{1}{4}$	
S 28	|	S 27
	1924	

from which,

A cedar, 16 ins. diam., bears N.82°30'E., 80 lks. dist., marked $\frac{1}{4}$ S 27 B T.

A cedar, 8 ins. diam., bears N.58°15'W., 12 lks. dist., marked $\frac{1}{4}$ S 28 B T.

46.00 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. 20 ft.

50.80 Spur, projects southeasterly approximately 40.00 chs. dist.; desc. gradually 45 ft.

54.50 Leave timber, bears NW. and SE.

67.30 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of swale, drains SE.; asc. gradually 20 ft., along general W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked:

T17S	R25E
S21	S22
S28	S27
1924	

from which,

A cedar, 10 ins. diam., bears N.33°30'E., 500 lks. dist., marked T 17 S R 25 E S 22 B T.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar limb, 3 ins. diam., bears S.9°E., 157
lks. dist., marked B T.

There are no trees available in secs. 21 and 28; there-
fore, at the base of the monument, I deposit a sand-
stone, 8x4x2 ins., marked with a cross (X).

Land, rolling and gently rolling, draining SE.

Soil, red sand and red sandy loam, about 1 to 3 ft. deep,
lying on a light clay, gravelly, light sand or on a
white chalky subsoil.

Timber, cedar and pinon pine.

Undergrowth, dense sagebrush and patches of dense white
sage.

Good grazing land on greater portion of mile.

N.89°56'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
22, 23, 26 and 27.

Thence,

S.89°57'W., on a true line bet. secs. 22 and 27.

Asc. gradual general E. slope 35 ft., over gently rolling
land, through dense undergrowth.

30.00 Ridge, bears N. and S.; desc. W. slope 15 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 22 \\ \frac{1}{4} \text{ --- } \\ S\ 27 \\ 1924 \end{array}$$

At the base of the monument, I deposit a sandstone,
7x5x2 ins., marked with a cross (X). Other accessories
impracticable.

50.90 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of
swale, drains S.20°E.; asc. gradually 5 ft.

60.00 Spur, projects S. approximately 25.00 chs. dist.; desc.
gradually 5 ft.

63.00 Swale, drains S.; asc. gradually 5 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

70.00 Spur, projects S. about 15.00 chs. dist.; desc. gradual
W. slope 5 ft. to

79.98 The cor. of secs. 21, 22, 27 and 28.

Land, gently rolling, draining generally SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
light clay, white chalky subsoil or on shale.

Timber, a few scattering cedar, W. 10.00 chs.

Undergrowth, sagebrush.

Excellent growth of grass.

N.0°02'W. bet. secs. 21 and 22.

Asc. gradually 45 ft. to $\frac{1}{4}$ sec. cor., along gentle W.
slope, through scattering timber and dense undergrowth

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. 1
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

	$\frac{1}{4}$	
S 21	|	S 22
	1924	

from which,

A cedar, 10 ins. diam., bears N.63°15'E., 515
lks. dist., marked $\frac{1}{4}$ S 22 B T.

A cedar, 6 ins. diam., bears S.63°15'W., 149
lks. dist., marked $\frac{1}{4}$ S 21 B T.

55.00 Top of ascent, 20 ft. above $\frac{1}{4}$ sec. cor., bears N.10°E.
and SW.; desc. gradually 15 ft.

63.50 Head of draw, drains SW.; asc. gradually 15 ft.

76.60 Top of ascent, bears NW. and SE.; over nearly level lan
to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 15, 16, 21 and 22,
with brass cap marked:

T17S	|	R25E
S16	|	S16
S21	|	S22
		1924

from which,

A cedar, 8 ins. diam., bears N.87°45'E., 94
lks. dist., marked T 17 S R 25 E S 15 B T.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar, 8 ins. diam., bears S.88°45'E., 25
lks. dist., marked T 17 S R 25 E S 22 B T.

A cedar, 10 ins. diam., bears S.78°30'W., 68
lks. dist., marked T 17 S R 25 E S 21 B T.

A cedar limb, 6 ins. diam., bears N.79°30'W., 74
lks. dist., marked T 17 S R 25 E S 16 B T.

Land, gently rolling; drainage SE., S. 55.00 chs. and N.
3.40 chs.; remainder of mile, drains SW.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
light clay, gravelly, light sand, white chalky subsoil,
or on shale.

Timber, cedar.

Undergrowth, sagebrush.

Good grazing land.

N.89°57'E. on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
14, 15, 22 and 23.

Thence,

S.89°56'W., on a true line bet. secs. 15 and 22.

Over gently rolling land, through scattering undergrowth.

1.10 Dry wash, 10 lks. wide, 1 ft. deep, drains SE.

20.40 Dry wash, 10 lks. wide, 2 ft. deep, drains S.20°E.

21.50 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

34.80 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 15 \\ \frac{1}{4} \\ S\ 22 \\ 1924 \end{array}$$

At the base of the monument, I deposit a sandstone,
8x8x2 ins., marked with a cross (X). Other accessories
impracticable.

45.40 Dry wash, 20 lks. wide, 6 ft. deep, drains SE.

74.80 Enter scattering timber.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

79.98

The cor. of secs. 15, 16, 21 and 22.

Land, gently rolling, draining SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a light clay, white chalky subsoil or on shale.

Timber, cedar.

Undergrowth, sagebrush and white sage.

Good grazing land.

N.0°02'W., bet. secs. 15 and 16.

Over rolling land, through scattering timber and medium dense undergrowth; asc. gradual SW. slope 5 ft.

1.00 Spur, projects southeasterly about 5.00 chs. dist.; desc. gradually 10 ft.

5.00 Draw, drains southeasterly; asc. 10 ft.

13.00 Leave timber.

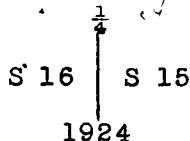
13.60 Spur, projects S.60°E. approximately 15.00 chs. dist.; desc. 25 ft.

16.00 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of swale, drains S.70°E.; asc. SW. slope 80 ft.

26.40 Enter scattering timber.

37.40 Enter a medium dense growth of timber, bears NW. and SE

40.00 On top of spur, projecting SE. approximately 10.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 16 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 12 ins. diam., bears S.67°15'E., 49 lks. dist., marked $\frac{1}{4}$ S 15 B T.

A cedar limb, 6 ins. diam., bears S.79°30'W., 27 lks. dist., marked $\frac{1}{4}$ S 15 B T.

47.00 Leave timber, bears NW. and SE.

52.30 Dry wash, 50 lks. wide, 4 ft. deep, drains S.70°E.

Survey of the Subdivision of T. 17 S., R. 25 E.

- Chains.
- 54.80 Dry wash, 80 lks. wide, 30 ft. deep, in the bottom of swale, 90 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. gradually 30 ft.
- 64.50 Dry wash, 50 lks. wide, 8 ft. deep, drains SE. about 1.00 chs. dist. to a reservoir about 1.00 chs. square.
- 66.90 Road, bears NW. to Claude Taylor's ranch and SE. to the Pike's Peak-Ocean-to-Ocean Highway.
- 67.50 Dry wash, 50 lks. wide, 5 ft. deep, drains SE.
- 69.20 A reservoir about 1.50 chs. by 3.00 chs., bears E. approximately 3.00 chs. dist.
- 71.80 Spur, projects SE. about 2.50 chs. dist.; enter scattering timber; desc. gradually 20 ft. to sec. cor., along general E. slope.
- 74.20 Woven wire fence, 5 ft. high, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked:

T17S	R25E
S9	S10
S16	S15
1924	

from which,

A cedar, 16 ins. diam., bears N.24°30'E., 187 lks. dist., marked T 17 S R 25 E S 10 B T.

A cedar, 8 ins. diam., bears S.52°30'E., 420 lks. dist., marked T 17 S R 25 E S 15 B T.

A cedar, 14 ins. diam., bears S.26°30'W., 108 lks. dist., marked T 17 S R 25 E S 16 B T.

A cedar, 10 ins. diam., bears N.22°15'W., 117 lks. dist., marked T 17 S R 25 E S 9 B T.

Land, rolling and gently rolling, draining SE.

Soil, red sand and red sandy loam, varying in depth from a few ins. to several ft., lying on a light clay, gravelly, light sand, white chalky subsoil, or on shale.

Timber, cedar and pinon pine.

Undergrowth, sagebrush and white sage.

Fair growth of grass.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

N. $89^{\circ}56'E.$, on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence;

S. $89^{\circ}54'W.$, on a true line bet. secs. 10 and 15.

Over gently rolling land, through medium dense undergrowth; asc. gradual NE. slope 35 ft.

15.00 Top of ascent, bears NW. and SE.; over nearly level land to $\frac{1}{4}$ sec. cor.

39.30 Bitter Creek Wash, dry, 120 lks. wide, 8 ft. deep, drains S. about 2.00 chs. dist., thence SE.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 10 \\ \frac{1}{4} \\ S\ 15 \\ 1924 \end{array}$$

and raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.

This $\frac{1}{4}$ sec. cor. stands 25 ft. above top of ascent.

45.00 Leave nearly level or gently rolling land, 10 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; begin more abrupt ascent of 115 ft., over general E. slope.

49.50 Enter a medium dense growth of timber, bears NW. and SE.

56.30 E. edge of mesa, bears N. and S.; over gently rolling top.

64.50 W. edge of mesa, bears N. and S.; desc. W. slope 40 ft.

70.00 Over wire fence, 5 ft. high, bears N. and S. about 1.5 chs. dist., thence southwesterly.

71.50 Draw, drains S.; asc. 10 ft.

74.80 Spur, projects S. approximately 7.00 chs. dist.; desc. 20 ft.; timber becomes scattering, bearing N. and S.

78.30 Draw, drains S.; asc. gradual E. slope 5 ft. to

80.02 The cor. of secs. 9, 10, 15 and 16.

Land, nearly level, gently rolling and rolling, draining S. and SE.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Soil, red sand and red sandy loam, about 6 ins. to 3 ft. deep, lying on a light clay, gravelly, light sand, white chalky subsoil, or on shale.

Timber, cedar and pinon pine.

Undergrowth, scattering to a medium dense growth of sagebrush; scattering white sage and greasewood.

Fair growth of grass.

N.0°02'W., bet. secs. 9 and 10.

Over gently rolling land, through scattering timber and dense sagebrush; asc. gradually 10 ft. along E. slope.

5.00 Top of ascent, bears NE. and SW.; leave timber; over nearly level land to $\frac{1}{2}$ sec. cor.

10.00 Dry wash, 10 lks. wide, 1 ft. deep, drains SE.

29.60 Woven wire fence, 5 ft. high, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked:

S 9 | S 10

1924

from which,

A cedar, 8 ins. diam., bears S.71°15'E., 59 lks. dist., marked S 10 B T.

A cedar limb, 4 ins. diam., bears N.22°45'W., 50 lks. dist., marked S 9 B T.

40.20 Leave dense sagebrush, bears NW. and SE., and enter scattering sagebrush, shadscale and yellow top.

41.00 Bitter Creek Wash, dry, 60 lks. wide, 8 ft. deep, in the bottom of swale, 25 ft. below top of ascent, drains SE. about 2.00 chs. dist., thence S.; asc. gradual SW. slope 30 ft.

42.70 Bearing of ascent changes from NW. and SE. to E. and W., at the base of abrupt ascent.

51.20 Foot of nearly perpendicular ledge, 130 ft. high, bears N.10°E. and westerly.

51.80 Top of the ledge, bears N.10°E. and westerly, at the top

Survey of the ...

Chains.

- of steep ascent, bearing $N.10^{\circ}W.$ and ...
 above base of abrupt ascent; desc. 30 ft.
 37.40 Bottom of descent, bears $N.10^{\circ}E.$ and $S.10^{\circ}W.$; asp. ...
 71.40 Ragged ridge, bears $N.10^{\circ}E.$ and $S.10^{\circ}W.$; enter scattering
 ing timber and undergrowth of service berry bushes and
 buck brush; desc. general $N.$ slope 30 ft. to
 60.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins.
 in the ground to solid rock, and in a mound of stone,
 3 ft. base, 14 ins. high, for cor. of desc. 3, 4, 9
 and 10, with brass cap marked:

T173	NSSE
54	23
50	210
1924	

from which,

- A pinon pine, 10 ins. diam., bears $N.32^{\circ}30'E.$, 60
 lbs. dist., marked T 17 S R 25 E S 3 B T.
 A pinon pine, 12 ins. diam., bears $S.79^{\circ}E.$, 200
 lbs. dist., marked T 17 S R 25 E S 10 B T.
 A cedar limb, 6 ins. diam., bears $S.37^{\circ}15'W.$, 112
 lbs. dist., marked T 17 S R 25 E S 9 B T.
 A cedar, 12 ins. diam., bears $N.60^{\circ}W.$, 43
 lbs. dist., marked T 17 S R 25 E S 4 B T.
 Land, nearly level and gently rolling, S. 42.70 chs.;
 steep and mountainous, and rugged with shale and sand-
 stone outcroppings, ledges and large boulders, N. 27.30
 chs.; general drainage SE. by Bitter Creek Wash.
 Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
 light clay, gravelly, light sand, white chalky subsoil
 or on shale, S. 42.70 chs.; shallow clay or red sand,
 lying on a clay subsoil, bedrock or on shale, N. 27.30
 chs.
 Timber, cedar and pinon pine.
 Undergrowth, sagebrush, shrubs, yellow top, service
 berry bushes and buck brush.
 Fair grazing land, S. 42.70 chs.; very little grass, N.
 27.30 chs.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

N.89°54'E., on a random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line, at the cor. of secs. 2, 3, 10 and 11.

Thence,

S.89°54'W., on a true line bet. secs. 3 and 10.

Asc. gradual NE. slope 20 ft., over rolling land, through scattering undergrowth.

7.00 Dry wash, 10 lks. wide, 1 ft. deep, drains SE.

10.00 Low spur, projects SE.; desc. gradually 5 ft.

13.70 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains SE.; asc. 20 ft.

25.00 Spur, projects SE.; desc. 15 ft.

30.00 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. 10 ft.

34.10 Spur, slopes SE. about 2.00 chs. dist.; desc. 25 ft.

36.60 Dry wash, 50 lks. wide, 20 ft. deep, in the bottom of draw, drains S.15°E.; asc. NE. slope 25 ft. to

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 3 \\ \frac{1}{4} \overline{) } \\ S\ 10 \\ 1924 \end{array}$$

from which,

A cedar, 18 ins. diam., bears N.80°30'W., 406 lks. dist., marked $\frac{1}{4}$ S 3 B T.A cedar, 8 ins. diam., bears S.38°30'W., 177 lks. dist., marked $\frac{1}{4}$ S 10 B T.

42.00 Enter a medium dense growth of timber, bears NW. and SE.

47.50 Top of ascent, 115 ft. above $\frac{1}{4}$ sec. cor., bears N.20°W. and S.20°E.; desc. gradual SW: slope 40 ft.

56.30 Head of draw, drains NE.; asc. 15 ft.

59.00 Spur, projects SE. approximately 12.00 chs. dist.; desc. 15 ft.

62.00 Draw, drains SE.; asc. 20 ft.

65.00 Spur, projects SE. about 12.00 chs. dist.; leave medium dense growth of timber and enter scattering, bears NW.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

and SE.; desc. 10 ft.

69.50 Head of draw, drains SE.; leave rolling land, begin precipitous ascent of 320 ft., over rugged general E. slope.

75.30 Foot of sloping ledge, 120 ft. high, bears N. and S.

75.80 Top of the ledge, bears N. and S.

76.80 Ridge, bears N. and S. 10°W.; desc. gradually 25 ft., over general W. slope.

79.30 Begin precipitous descent of 30 ft. to

80.04 The cor. of secs. 3, 4, 9 and 10.

Land, rolling, E. 69.50 chs.; steep and mountainous, with shale and sandstone outcroppings, ledges and large boulders, W. 10.54 chs.; drainage SE., E. 76.80 chs.; W. 3.24 chs. drain W. into Bitter Creek Canyon. Soil, red sand and red sandy loam, about 1 to 5 ft. deep lying on a light clay, gravelly, light sand, white, chalky subsoil, or on shale, E. 69.50 chs.; shallow red sand, lying on a clay subsoil or on shale or bedrock, W. 10.54 chs.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, yellow top, shadscale, service berry bushes and buck brush.

Fair growth of grass on rolling land; poor grazing on mountainous portion.

N. 0°02'W., on a true line bet. secs. 3 and 4.

Over rough mountainous land, through a medium dense growth of timber and undergrowth; asc. 35 ft. along general W. slope.

11.50 Spur, projects W. approximately 10.00 chs. dist.; desc. gradually 70 ft.

12.00 Begin more abrupt ascent of 240 ft.

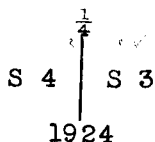
12.80 Top of nearly perpendicular ledge, 80 ft. high, bears NE. and S. 10°W.

18.60 Dry wash, 20 lks. wide, 2 ft. deep, drains SW.

20.00 Leave timber, bears NE. and SW.

Survey of the Subdivision of T. 17 S., R. 25 E.

- Chains.**
 26.00 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of Bitter Creek Canyon, drains SW.; asc. SW. slope 45 ft.
 28.70 Enter a medium dense growth of timber, bears NE. and SW.
 31.60 Spur, slopes SE. about 2.00 chs. dist.; desc. NE. slope 20 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar limb, 6 ins. diam., bears S.50°30'E., 78 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A pinon pine, 8 ins. diam., bears S.37°W., 42 lks. dist., marked $\frac{1}{4}$ S 4 B T.

- 41.30 Ravine from N., 15 ft. below $\frac{1}{4}$ sec. cor., drains E. about 1.00 chs. dist., thence SE.; asc. 15 ft. along bottom of the ravine.
 49.00 Leave bottom of ravine, from NW.; begin precipitous ascent of 475 ft., over SW. slope.
 74.90 Spur, projects SE. approximately 30.00 chs. dist.; desc. abrupt NE. slope 165 ft. to
 83.29 Intersect the S. bdy. of sec. 34, T. 16 S., R. 25 E., east 33.89 chs. dist. from the cor. of secs. 3, 4, 33 and 34, which is an iron post, 2 ins. in diam., extending about 2 ft. above ground, firmly set bet. two large boulders and surrounded by a large mound of stone, correctly marked, and witnessed as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for closing cor. of secs. 3 and 4, with brass cap marked:

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

T16SR25E ✓

S34

S4 S3

T17S R25E

CC

1924

from which,

A pinon pine, 8 ins. diam., bears S.27°30'E., 123

lks. dist., marked T 17 S R 25 E S 3 C C B T.

A cedar, 6 ins. diam., bears S.31°W., 14

lks. dist., marked T 17 S R 25 E S 4 C C B T.

The sec. cor., which was originally established for the
cor. of secs. 3, 4, 33 and 34, Tps. 16 and 17 S., R.
25 E., now refers to secs. 33 and 34, T. 16 S., R. 25
E.; therefore, I efface the markings on the post, per-
taining to secs. 3 and 4, T. 17 S., R. 25 E.

Land, steep and mountainous; rough with outcroppings,
large boulders, and ledges of sandstone formation;
general drainage SW. by Bitter Creek Canyon.

Soil, shallow red sand and red sandy loam, lying on a
clay subsoil, bedrock or on shale; red sandy loam,
several ft. deep, in the bottom of Bitter Creek Canyon.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, yellow top, service
berry bushes and buck brush.

Scattering to a fair growth of grass.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy.
of the Tp., hereinbefore described,
N.0°03'W., bet. secs. 32 and 33.

Over rolling land, through scattering undergrowth; desc
gradual general NE. slope 15 ft.

9.90 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of
draw, drains SE. about 1.00 chs. dist., thence NE.;
asc. 15 ft.

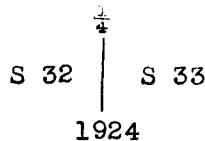
15.80 Spur, projects E. approximately 10.00 chs. dist.; desc.
20 ft.

23.20 Draw, drains NE.; asc. 55 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

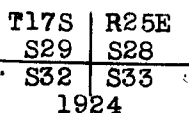
Chains.

- 27.80 Spur, projects E. approximately 10.00 chs. dist.; desc. 30 ft.
- 35.70 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, drains N.60°E.; asc. 15 ft.
- 37.80 Spur, projects E. about 10.00 chs. dist.; desc. N. slope 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



At the base of the monument, I deposit a sandstone, 8x4x3 ins.; marked with a cross (X). Other accessories impracticable.

- 44.60 Dry wash, 20 lks. wide, 5 ft. deep, drains E. about 3.00 chs. dist., thence SE.
- 52.40 San Arroyo Wash, dry, 50 lks. wide, 8 ft. deep, in the bottom of swale, 20 ft. below $\frac{1}{4}$ sec. cor., drains NE. about 2.00 chs. dist., thence southeasterly; asc. SW. slope 50 ft.
- 58.50 Spur, projects SE. approximately 10.00 chs. dist.; desc. 15 ft.
- 64.60 Draw, drains SE.; asc. 10 ft.
- 67.20 Spur, projects E. about 10.00 chs. dist.; desc. 50 ft.
- 74.20 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains N.20°E. about 1.00 chs. dist., thence E.; asc. 15 ft.
- 78.60 Spur, slopes E. approximately 1.00 chs. dist.; desc. N. slope 20 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground; for cor. of secs. 28, 29, 32 and 33; with brass cap marked:



and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

10.
Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	Land, rolling bad lands, draining SE. by San Arroyo Wash. Soil, light clay, varying in depth from about 3 ins. to 3 ft., lying on a dark or blue clay subsoil, or on shale; sandy loam, several ft. deep, in the bottom of swale along San Arroyo Wash. Undergrowth, shadscale, salt brush, sagebrush and greasewood. No timber. Scattering to a fair growth of grass.
40.00	N.89°54'E., on a random line bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 5 lks. N. of the cor. of secs 27, 28, 33 and 34. Thence, S.89°56'W., on a true line bet. secs. 28 and 33. Asc. gradual NE. slope 60 ft., through scattering timber and dense sagebrush.
1.80	Enter a medium dense growth of timber, bears NW. and SE. sagebrush becomes more scattering.
17.30	Ridge, bears NW. and SE.; desc. 20 ft.
21.40	Draw, drains S.15°W.; asc. 15 ft.
22.30	Spur, projects S.15°W. about 8.00 chs. dist.; desc. 55 ft.
25.80	Leave medium dense growth of timber and enter scattering bears N. and S.; enter scattering shadscale and salt brush.
28.40	Draw, drains S.; asc. 45 ft.
29.50	Spur, projects S. approximately 10.00 chs. dist., thence southwesterly; desc. 95 ft.
35.50	Draw, drains SW.; asc. 15 ft.
37.10	Spur, slopes SW. about 3.00 chs. dist.; desc. 25 ft.
39.20	Draw, drains SW.; asc. SE. slope 10 ft. to
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 28 ✓
 $\frac{1}{4}$ S 33
1924

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

from which,

A cedar, 6 ins. diam., bears N.62°30'E., 130
lks. dist., marked $\frac{1}{4}$ S 28 B T.

A cedar, 8 ins. diam., bears S.59°45'E., 101
lks. dist., marked $\frac{1}{4}$ S 33 B T.

41.00 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., forks S.30°W. approxi-
mately 25.00 chs. dist., and S.80°W. about 15.00 chs.
dist.; desc. 90 ft.

51.60 Leave timber.

61.80 Dry wash, 60 lks. wide, 10 ft. deep, in the bottom of
hollow, drains SW.; asc. 25 ft.

64.40 Dry wash, 10 lks. wide, 6 ft. deep, drains S.

65.50 Small hill, bears NW. and SE.; desc. 15 ft.

69.20 Dry wash, 80 lks. wide, 10 ft. deep, in the bottom of
hollow, drains S.20°E.; asc. 10 ft.

71.20 Spur, slopes SE. about 1.50 chs. dist.; desc. 15 ft.

75.10 Dry wash, 10 lks. wide, 6 ft. deep, in the bottom of
draw, drains SE.; asc. 15 ft. along N. slope to

80.02 The cor. of secs. 28, 29, 32 and 33.

Land, rolling; bad lands, W. 62.70 chs.; general drain-
age SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
light clay, white chalky subsoil or on shale, E. 17.30
chs.; light clay, varying in depth from about 3 ins.
to 3 ft., lying on a dark or blue clay subsoil, or on
shale, on remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, salt brush and shadscale.

Scattering growth of grass.

N.0°03'W., bet. secs. 28 and 29.

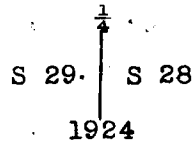
Over rolling land, through scattering undergrowth; desc.
gradual N. slope 10 ft.

1.10 Dry wash, 20 lks. wide, 4 ft. deep, drains E.

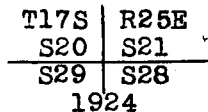
2.30 Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of
draw, drains S.70°E.; asc. 40 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.
 10.70 Spur, projects SE.; desc. 30 ft.
 18.20 Dry wash, 30 lks. wide, 6 ft. deep, in the bottom of hollow, drains SE.; asc. gradually 65 ft.
 21.20 Same wash, 40 lks. wide, 6 ft. deep, drains S.10°W.
 24.30 Same wash, 40 lks. wide, 6 ft. deep, drains SE.
 38.20 Spur, projects southeasterly approximately 40.00 chs. dist.; desc. NE. slope 10 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 40.50 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 15 ft.
 45.00 Spur, projects SE. about 10.00 chs. dist.; desc. 15 ft.
 50.40 Dry wash, 10 lks. wide, 2 ft. deep, drains SE.
 51.70 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. 50 ft.
 70.00 Top of ascent, bears NW. and SE.; desc. gradually 5 ft.
 78.40 Draw, drains S.60°E.; asc. gradual SW. slope 10 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked:



and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling bad lands, draining SE.
 Soil, light clay, varying in depth from about 3 ins. to several ft., lying on a dark or blue clay subsoil, or on shale.
 Undergrowth, shadscale, yellow top, sagebrush and greasewood.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	No timber. Scattering growth of grass.
	N.89°56'E., on a random line bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	S.89°55'W., on a true line bet. secs. 21 and 28.
	Over gently rolling land, through scattering timber and dense sagebrush; desc. gradual W. slope 20 ft.
10.40	Swale, drains SE.; asc. gradual NE. slope 95 ft. to $\frac{1}{4}$ sec. cor.
24.30	Enter a medium dense growth of timber, bears NW. and SE.; sagebrush becomes more scattering.
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 21 \\ \hline \frac{1}{4} \\ S\ 28 \\ 1924 \end{array}$
	from which,
	A cedar, 8 ins. diam., bears N.60°W., 32 lks. dist., marked $\frac{1}{4}$ S 21 B T.
	A cedar limb, 6 ins. diam., bears S.6°45'W., 35 lks. dist., marked $\frac{1}{4}$ S 28 B T.
46.60	Ridge, 20 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; leave timber, bears N. and S.; enter scattering shadscale and yellow top; precipitous descent of 140 ft., over W. slope.
50.90	Foot of abrupt descent, bears N. and S.; desc. gradually 70 ft.
55.20	Dry wash, 20 lks. wide, 5 ft. deep, in the bottom of hollow, drains S.20°W. about 5.00 chs. dist., thence S.; asc. 65 ft.
64.20	Spur, projects S. approximately 45.00 chs. dist.; desc. 30 ft.
66.80	Dry wash, 10 lks. wide, 10 ft. deep, in the bottom of draw, drains S.; asc. 20 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- 67.90 Dry wash; 10 lks. wide, 4 ft. deep, drains SE.
- 71.90 Spur, projects S.20°E. approximately 10.00 chs. dist.;
desc. 25 ft.
- 75.80 Dry wash, 15 lks. wide, 2 ft. deep, in the bottom of
draw, drains SE.; asc. 25 ft.
- 79.50 Spur, projects SE. about 8.00 chs. dist.; desc. SW.
slope 5 ft. to
- 80.02 The cor. of secs. 20, 21, 28 and 29.
Land, rolling; bad lands, W. 33.40 chs.; drainage S. and
SE.
Soil, red sandy loam, about 1 to 3 ft. deep, lying on a
light clay, white chalky subsoil, or on shale, E.
46.60 chs.; light clay, varying in depth from about 3
ins. to several ft., lying on a dark or blue clay sub
soil, or on shale, on remainder of mile.
Timber, cedar and pinon pine.
Undergrowth, sagebrush, shadscale and yellow top.
Poor to fair growth of grass.

N.0°03'W. bet. secs. 20 and 21.

- Over rolling land, through scattering undergrowth; asc.
gradual SW. slope 5 ft.
- 0.50 Spur, projects SE.; desc. 10 ft.
- 4.00 Dry wash, 10 lks. wide, 3 ft. deep, drains E. about 2.0
chs. dist., thence SE.
- 8.40 Dry wash, 10 lks. wide, 1 ft. deep, in the bottom of
draw, drains SE.; asc. 30 ft.
- 10.70 Spur, projects SE.; desc. 20 ft.
- 25.80 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of
draw, drains SE.; asc. 70 ft.
- 29.80 Spur, projects SE. approximately 10.00 chs. dist.; desc.
15 ft.
- 34.80 Draw, drains SE.; asc. 20 ft.
- 37.60 Spur, slopes E. about 5.00 chs. dist.; enter scattering
timber; desc. N. slope 20 ft. to

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 20 | S. 21
 1924

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor. All trees within limits are too scrubby for marking.

42.10 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 15 ft.

44.00 Spur, projects southeasterly approximately 10.00 chs. dist.; desc. 25 ft.

46.10 Draw, drains SE.; asc. 25 ft.

48.70 Spur, slopes E. about 2.00 chs. dist.; desc. 20 ft.

50.90 Draw, drains E. approximately 2.00 chs. dist., thence SE.; asc. 25 ft.

53.70 Spur, projects southeasterly about 15.00 chs. dist., thence S.; desc. 35 ft.

58.00 Ravine, drains SE.; asc. gradual SW. slope 10 ft.

60.30 Begin precipitous ascent of 220 ft., over outcroppings and large boulders, on SW. slope.

65.70 Top of nearly perpendicular ledge, 10 ft. high, bears NW. about 10.00 chs. dist. and SE. about 10.00 chs. dist.

67.80 Enter heavy growth of timber, bears NW. and SE.

72.80 S. edge of reef, bears NW. and SE.; leave outcroppings and boulders; over nearly level top of reef to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, .5 ft. base, .1 ft. high, for cor. of secs. 16, 17, 20 and 21, with brass cap marked:

T17S | R25E
 S17 | S16
 S20 | S21
 1924

from which,

A cedar, 6 ins. diam., bears N.52°E., .91

lks. dist., marked T 17 S R 25 E S 16 B T.

A cedar, 4 ins. diam., bears S.24°45'E., 65

lks. dist., marked T 17 S R 25 E S 21 B T.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar, 8 ins. diam., bears S.61°30'W., 67
lks. dist., marked T 17 S R 25 E S 20 B T.

A cedar, 6 ins. diam., bears N.68°W., 74

lks. dist., marked T 17 S R 25 E S 17 B T.

Land, rolling bad lands, S. 72.80 chs.; nearly level top
of reef, N. 7.20 chs.; shale and sandstone formation;
drainage SE.

Soil, light clay, about 3 ins. to several ft. deep, ly-
ing on a dark or blue clay subsoil, or on shale, S.
72.80 chs.; shallow red sand or sandy loam, lying on
clay subsoil or on shale, on top of reef.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and yellow top.

Poor to fair growth of grass.

N.89°55'E., on a random line bet. secs. 16 and 21.

40.00 Set temp. & sec. cor.

79.98 Intersect N. and S. line, at the cor. of secs. 15, 16,
21 and 22.

Thence,

S.89°55'W., on a true line bet. secs. 16 and 21.

Over rolling land, through scattering timber and medium
dense undergrowth; desc. gradual SW. slope 10 ft.

3.00 Begin more abrupt descent of 45 ft., over SW. slope.

4.10 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of
draw, drains S.; asc. 50 ft.

9.20 Spur, projects SE. about 3.00 chs. dist., thence S. ap-
proximately 12.00 chs. dist.; desc. 40 ft.

14.30 Draw, drains SE. about 4.00 chs. dist., thence S.; steep
ascent of 125 ft., over NE. slope.

20.60 E. edge of reef, bears NW. and SE.; enter a medium dens
growth of timber, bears NW. and SE.; asc. gradually 6
ft., over gently rolling top.

32.00 Top of ascent, bears N. and S.; desc. gradually 10 ft.
to & sec. cor.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- 36.10 Dry wash, 10 lks. wide, 1 ft. deep, drains S.
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 16. \\ \frac{1}{4} \\ \hline S\ 21 \\ 1924 \end{array}$$

from which,

A pinon pine, 4 ins. diam., bears N.7°45'W., 32 lks. dist., marked $\frac{1}{4}$ S 16 B T.

A pinon pine, 8 ins. diam., bears S.45°30'E., 45 lks. dist., marked $\frac{1}{4}$ S 21 B T.

- 43.60 Dry wash, 10 lks. wide, 1 ft. deep, drains S.
- 55.30 Leave medium dense growth of timber and enter scattering, bears NW. and SE.
- 55.50 W. edge of reef, 50 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. abrupt SW. slope 145 ft.
- 63.80 Dry wash, 20 lks. wide, 4 ft. deep, in the bottom of gulch, drains SE.; asc. 45 ft.
- 67.20 Spur, projects SE. about 5.00 chs. dist.; desc. 20 ft.
- 72.50 Draw, drains SE.; asc. steep NE. slope 150 ft.
- 77.80 E. edge of reef, bears NW. and SE.; enter heavy timber, bears N. and S.; asc. gradual NE. slope 25 ft. to
- 79.98 The cor. of secs. 16, 17, 20 and 21.

Land, gently rolling, rolling and broken, draining generally to the S. and SE.; shale and sandstone formation. Soil, red sand or red sandy loam, about 6 ins. to 3 ft. deep, lying on a light clay, white chalky subsoil, or on bedrock and shale, on top of reef; light clay, about 3 ins. to 4 ft. deep, lying on a dark or blue clay subsoil or on shale, on remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and yellow top.

Poor to fair grazing land.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

N, 0°03'W., bet. secs. 16 and 17.

Desc. gradual NE. slope of reef 15 ft., through a heavy growth of timber and medium dense undergrowth.

1.70 N. edge of reef, bears NW. and SE.; desc. abrupt NE. slope 25 ft.

4.30 Draw, drains SE.; asc. 40 ft., over general SE. slope.

11.90 Leave heavy growth of timber and enter scattering, bears E. and W.

15.10 Top of ascent or edge of reef, bears NE. and SW.; desc. gradual NW. slope 40 ft.

35.00 Draw, drains NE.; asc. gradual SE. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 17 \quad \text{S } 16 \\ \downarrow \\ 1924 \end{array}$$

from which,

A cedar, 12 ins. diam., bears S. 44°30'E., 343 lks. dist., marked $\frac{1}{4}$ S 16 B T.A cedar, 16 ins. diam., bears N. 9°45'W., 325 lks. dist., marked $\frac{1}{4}$ S 17 B T.50.70 Edge of reef or S. rim of gulch, 25 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. abruptly 30 ft.

51.30 Bottom of gulch, drains SE.; steep ascent of 40 ft.

55.90 Edge of reef or N. rim of gulch, bears NW. and SE.; asc. gradual SW. slope 140 ft.

72.30 Top of ascent, bears NW. and SE.; enter a medium dense growth of timber, bears NW. and SE.; desc. gradual NE. slope 10 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked:

T17S	R25E
S8	S9
S17	S16
1924	

from which,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A pinon pine, 8 ins. diam., bears N.15°45'E., 32
lks. dist., marked T 17 S R 25 E S 9 B T.

A cedar, 10 ins. diam., bears S.25°30'E., 45
lks. dist., marked T 17 S R 25 E S 16 B T.

A cedar, 10 ins. diam., bears S.15°30'W., 46
lks. dist., marked T 17 S R 25 E S 17 B T.

A cedar limb, 6 ins. diam., bears N.78°30'W., 37
lks. dist., marked T 17 S R 25 E S 8 B T.

Land, rolling and broken, draining S. and SE.; sandstone
and shale exposed in the form of outcroppings and
boulders.

Soil, red sand or red sandy loam, varying in depth from
about 3 ins. to 3 ft., lying on a light clay, gravelly,
light sand, white chalky subsoil, or on bedrock and
shale.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and yellow top.

Fair growth of grass on greater portion of mile.

N.89°55'E., on a random line bet. secs. 9 and 16.

40.00 Set temp. & sec. cor.

60.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
9, 10, 15 and 16.

Thence,

S.89°54'W., on a true line bet. secs. 9 and 16.

Over gently rolling land, through scattering timber and
dense undergrowth; asc. gradual E. slope 10 ft.

2.10 Spur, projects S.; leave timber; desc. gradual E. slope
10 ft.

3.70 Swale, drains S. 2.50 chs. dist. into reservoir 2.00 chs.
square; asc. gradually 60 ft. to & sec. cor., over
gentle E. slope.

9.60 Road, bears N. to Claude Taylor's ranch house and S. to
the Pike's Peak-Ocean-to-Ocean Highway.

13.20 Woven wire fence, 5 ft. high, bears N. and S.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked:</p> <div style="text-align: right;"> $\frac{1}{4}$ S 9 <hr style="width: 50px; margin: 0 auto;"/> S 16 1924 </div> <p>and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>From this $\frac{1}{4}$ sec. cor., Claude Taylor's house, 26 ft. X 23 ft., bears N.17°E. 46.63 chs. dist.</p>
50.00	Woven wire fence, 5 ft. high, bears NW. and SE.; enter scattering timber.
63.00	Top of ascent, 40 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. 15 ft.
65.00	Dry wash, 50 lks. wide, 5 ft. deep, in the bottom of hollow, drains SE.; asc. gradual NE. slope 60 ft. to sec. cor.
66.20	Enter a medium dense growth of timber, bears NW. and SE.
80.00	<p>The cor. of secs. 8, 9, 16 and 17.</p> <p>Land, rolling and gently rolling, draining SE.</p> <p>Soil, red sand and red sandy loam, about 1 to 3 ft. deep lying on a gravelly, light sand or on a white chalky subsoil.</p> <p>Timber, cedar and pinon pine.</p> <p>Undergrowth, dense sagebrush and scattering shadscale.</p> <p>Fair growth of grass.</p>
	<p>N.0°03'W., bet. secs. 8 and 9.</p> <p>Over rolling land, through a medium dense growth of timber and dense sagebrush; desc. gradual NE. slope 23 ft.</p>
4.90	Dry wash, 80 lks. wide, 8 ft. deep, at the mouth of canyon, drains S.70°E.; asc. gradual S. slope 65 ft.
15.70	<p>Leave rolling land, bears E. and W., and enter rough mountains; leave dense sagebrush and enter a medium dense growth of sagebrush, shadscale, yellow top and mountain rush, bears E. and W.; precipitous ascent of 230 ft., over S. slope.</p>

Survey of the Subdivision of T. 17 S., R. 25 E.

- Chains.**
 20.50 Top of nearly perpendicular ledge, 55 ft. high, bears NW. and NE.
 21.70 Spur, projects W. approximately 7.00 chs. dist.; desc. 115 ft.
 38.50 Ravine, drains S.25°W.; precipitous ascent of 45 ft. to $\frac{1}{4}$ sec. cor., over rugged SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

2
 S 8 | S 9
 1924

At the base of the monument, I deposit a sandstone, 8x6x2 ins., marked with a cross (X); and raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. There are no trees available suitable for marking.

- 51.80 Spur, 330 ft. above $\frac{1}{4}$ sec. cor., projects SW. approximately 30.00 chs. dist.; desc. 45 ft.
 59.10 Head of ravine, drains S.80°W.; asc. SW. slope 120 ft.
 66.80 Ridge, bears NW. and SE.; desc. 40 ft.
 79.50 Ravine, drains S.60°E.; asc. SE. slope 40 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, 6 ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 4, 5, 8 and 9, with brass cap marked:

T17S | R25E
 S5 | S4
 S8 | S9
 1924

At the base of the monument, I deposit a sandstone, 8x5x2 ins., marked with a cross (X); and raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor. There are no trees available suitable for marking.

Land, rolling, S. 15.70 chs.; steep and mountainous, and rugged with outcroppings, large boulders and ledges of sandstone and shale formation, N. 64.30 chs.; general drainage SE.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	<p>Soil, red sand and red sandy loam, about 1 to 3 ft., deep, lying on a light clay, gravelly, light sand, or on shale, on the rolling land; shallow red sand, and red sandy loam, lying on a clay subsoil or on bedrock, on the rough mountainous portion.</p> <p>Timber, cedar and pinon pine.</p> <p>Undergrowth, sagebrush, shadscale, yellow top and mountain rush.</p> <p>Fair growth of grass.</p>
	<p>N. 89° 54' E., on a random line bet. secs. 4 and 9.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	<p>Thence,</p> <p>S. 89° 48' W., on a true line bet. secs. 4 and 9.</p> <p>Desc. abrupt rough general W. slope 315 ft., through scattering timber and medium dense undergrowth.</p>
4.10	Top of nearly perpendicular ledge, 75 ft. high, bears N. and S.
13.10	Dry wash, 30 lks. wide, 5 ft. deep, in the bottom of Bitter Creek Canyon, drains SW.; asc. NE. slope 70 ft.
20.90	Spur, projects SE. about 6.00 chs. dist.; desc. 40 ft.
22.60	Ravine, drains S. approximately 3.00 chs. dist., thence E.; precipitous ascent of 280 ft. to $\frac{1}{4}$ sec. cor., over NE. slope.
39.94	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: right;"> $\begin{array}{r} S\ 4 \\ \frac{1}{4} \\ \hline S\ 9 \\ 1924 \end{array}$ </div> <p>from which,</p> <p>A pinon pine, 10 ins. diam., bears N. 57° E., 202 lks. dist., marked $\frac{1}{4}$ S 4 B T.</p> <p>A cedar, 7 ins. diam., bears S. 9° 15' E., 134 lks. dist., marked $\frac{1}{4}$ S 9 B T.</p>

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- 43.50 Spur, 110 ft. above $\frac{1}{2}$ sec. cor., projects SE. approximately 25.00 chs. dist.; desc. 135 ft.
- 51.90 Draw, drains S.; asc. 55 ft.
- 56.40 Spur, projects S. about 8.00 chs. dist.; desc. 50 ft.
- 62.10 Draw, drains S.10°E.; asc. 60 ft.
- 64.00 Spur, projects S.10°E. approximately 6.00 chs. dist.; desc. 30 ft.
- 67.90 Draw, drains S.30°E.; asc. abrupt general SE. slope 255 ft. to
- 79.88 The cor. of secs. 4, 5, 8 and 9.
- Land, steep and mountainous; rugged with sandstone outcroppings, large boulders, and broken and perpendicular ledges; general drainage SE. by Bitter Creek Canyon.
- Soil, shallow red sand and sandy loam, lying on a clay subsoil or on bedrock and shale; sandy loam, several ft. deep, in the bottom of Bitter Creek Canyon.
- Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.
- Undergrowth, sagebrush, shadscale, yellow top and mountain rush.
- Fair growth of grass.

N.0°03'W., on a true line bet. secs. 4 and 5.

Over rough mountainous land, through scattering timber and undergrowth; asc. abrupt SE. slope 185 ft.

- 6.50 Spur, projects N.80°E.; precipitous descent of 390 ft.
- 17.40 Draw, drains NE.; asc. 35 ft.
- 19.20 Spur, slopes NE. about 3.00 chs. dist.; steep descent of 75 ft.
- 21.20 Ravine, drains N.80°E.; asc. abruptly 110 ft.
- 24.80 Spur, projects S.20°E. approximately 5.00 chs. dist.; desc. 40 ft.
- 28.20 Draw, drains SE.; precipitous ascent of 350 ft.
- 37.10 Spur, projects southeasterly; enter a medium dense growth of timber, bears NW. and SE.; desc. NE. slope

Chains.

25 ft. to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 5 | S 4
 1924

from which,

A pinon pine, 10 ins. diam., bears S. 72° E., 76 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A pinon pine, 8 ins. diam., bears N. 74° 30' W., 4 lks. dist., marked $\frac{1}{4}$ S 5 B T.

- 58.80 Ravine, 420 ft. below $\frac{1}{4}$ sec. cor., drains NE. about 2.00 chs. dist., thence SE.; abrupt ascent of 80 ft.

- 62.50 Spur, projects SE. approximately 25.00 chs. dist.; desc. 10 ft.

- 64.50 Draw, drains SE.; asc. 120 ft.

- 72.70 Spur, projects SE. about 15.00 chs. dist.; desc. gradual NE. slope 20 ft. to

- 83.34 Intersect the S. bdy. of sec. 33, T. 16 S., R. 25 E., east 34.13 chs. dist. from the cor. of secs. 4, 5, 32 and 33, which is an iron post, 2 ins. in diam., extending about $2\frac{1}{2}$ ft. above ground, firmly set in a large mound of stone, correctly marked, and witnessed by two bearing trees and two bearing objects as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap marked:

T16SR25E
 S 33
 S5 | S4
 T17S | R25E
 CC
 1924

from which,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar, 10 ins. diam., bears S.61°E., 7
lks. dist., marked T 17 S R 25 E S'4 C C B T.

A cross, on the face of a perpendicular ledge, 20
ft. high, bearing NE. and SW., bears S.32°W., 9
lks. dist.; ledge marked X S 5 B O.

The sec. cor., which was originally established for the
cor. of secs. 4, 5, 32 and 33, Tps. 16 and 17 S., R.
25 E., now refers to secs. 32 and 33, T. 16 S., R. 25
E.; therefore, I destroy the markings on the post,
tree and ledge, pertaining to secs. 4 and 5, T. 17 S.,
R. 25 E.

Land, abrupt and mountainous, with outcroppings, large
boulders and ledges of sandstone formation; drainage
SE. into Bitter Creek Canyon.

Soil, shallow red sand and sandy loam, lying on a clay
subsoil, or on shale and bedrock.

Timber, cedar and pinon pine.

Undergrowth, varies from a scattering to a medium dense
growth of sagebrush, shadscale, mountain rush, service
berry bushes and buck brush.

Scattering to a fair growth of grass.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy.
of the Tp., hereinbefore described,
N.0°03'W., bet. secs. 31 and 32.

Over rolling land, through dense sagebrush; asc. gradual
SW. slope 5 ft.

16.60 Low spur, projects southeasterly approximately 10.00
chs. dist.; desc. gradually 10 ft.

26.20 Draw, drains SE.; asc. gradually 10 ft.

35.80 Low spur, projects southeasterly about 10.00 chs. dist.;
desc. gradual NE. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

↑
S 31 | S 32

Survey of the Subdivision of T. 37 N., R. 20 E.

Chains. and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

48.40 Leave dense sagebrush, bears NW. and SE., and enter a
medium dense growth of greasewood and sagebrush.

48.60 Leave rolling land, 10 ft. below ¼ sec. cor., bears NW.
and SE.; over level bottom land.

65.60 San Arroyo Wash, 50 lks. wide, 5 ft. deep, drains SE.

67.60 Leave undergrowth of greasewood and sagebrush, bears NW
and SE., and enter a medium dense growth of short sal
brush.

67.80 Leave level bottom land, bears E. and W.; begin gradual
ascent of 10 ft., over general SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 29, 30, 31 and 32,
with brass cap marked:

T17S	R25E
S30	S29
S31	S32

1925

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

Land, rolling, gently rolling and level bottom, draining
SE.

Soil, red sand and red sandy loam, about 1 to 2 ft. deep, lying on a gravelly, red sand, or on a gravelly, white chalky subsoil, S. 48.60 chs.; sandy clay or sandy loam, several ft. deep, on the bottom land; dark clay about 6 ins. deep, lying on a clay mixed with shale, on the N. 12.20 chs.

Undergrowth, sagebrush, greasewood and salt brush.

No timber. Good grazing land, S. 48.60 chs.

N.89°54'E., on a random line bet. secs'. 29 and 32.

40.00	Set temp. $\frac{1}{4}$ sec'. cor.
-------	------------------------------------

79.90 Intersect N. and S. line, 5 lks. S. of the cor. of secs
28, 29, 32 and 36.

Thence,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

S.89°52'W., on a true line bet. secs. 29 and 32.

Over rolling land, through scattering undergrowth; asc. gradually 10 ft. along N. slope.

3.40 Spur, slopes NE. about 3.00 chs. dist.; desc. gradual NW. slope 10 ft.

9.80 Dry wash, 10 lks. wide, 5 ft. deep, in the bottom of swale, drains NE.; asc. gradual general NE. slope 55 ft.

38.50 Spur, projects in a southerly direction approximately 35.00 chs. dist.; desc. W. slope 40 ft. to .

39.95 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 29 \\ \hline \frac{1}{4} \\ S\ 32 \\ 1925 \end{array}$$

and raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.

44.00 Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of hollow, 15 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. 25 ft.

51.00 Spur, projects S. about 25.00 chs. dist.; desc. 45 ft.

59.60 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of swale, drains S.20°E.; asc. gradually 10 ft.

66.30 Top of ascent, bears N. and S.; desc. gradually 10 ft.

70.00 Base of descent, bears N. and S.; asc. gradually 10 ft. to

79.90 The cor. of secs. 29, 30, 31 and 32.

Land, rolling and gently rolling, draining generally S. and SE. into San Arroyo Wash.

Soil, sandy clay, several ft. deep, in the bottoms of swales and hollows; dark clay, about 6 to 18 ins. deep, lying on shale or on a dark clay mixed with shale, on slopes.

Undergrowth, medium dense short salt brush; scattering greasewood and sagebrush.

Scattering to a fair growth of grass.

No timber.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

S. 89° 54' W., on a random line bet. secs. 29 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.55 Intersect the W. bdy. of the Tp., 12 lks. N. of the cor.
of secs. 25, 30, 31 and 36, hereinbefore described.

Thence,

N. 89° 49' E., on a true line bet. secs. 30 and 31.

Asc. gradually 15 ft., over gently rolling N. slope of
reef, through a medium dense growth of timber and
sagebrush.10.90 E. edge of reef, bears NW. and SE.; leave medium dense
growth of timber and enter scattering, bears NW. and
SE.; desc. 115 ft., over general NE. slope.18.00 Enter a medium dense growth of greasewood, bears N. and
S.; leave timber.28.10 San Arroyo Wash, 60 lks. wide, 5 ft. deep, dry, in the
bottom of hollow, drains SE.; asc. abrupt W. slope 80
ft. to $\frac{1}{4}$ sec. cor.30.00 Leave medium dense growth of sagebrush and greasewood,
bears N. and S.; over barren slope.39.55 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. 1
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 30
$\frac{1}{4}$ ———
S 31
1925

At the base of the monument, I deposit a sandstone,
9x9x3 ins., marked with a cross (X). Other accessories
impracticable.40.50 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., slopes S. about 4.00 ch
dist.; rim of reef, 30 ft. high, bearing northeasterly
and northwesterly, bears N. about 2.00 chs. dist.;
precipitous descent of 110 ft., over E. slope.53.90 Enter a medium dense growth of short salt brush, bears
NW. and SE.

54.20 Draw, drains SE.; asc. 10 ft.

60.40 Spur, slopes SE. about 4.00 chs. dist.; desc. gradually
25 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.


Chains.

- 68.40 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S.; asc. SW. slope 15 ft.
- 77.40 Spur, slopes S.15°E. about 6.00 chs. dist.; desc. general SE. slope 15 ft. to
- 79.55 The cor. of secs. 29, 30, 31 and 32.
- Land, rolling and gently rolling; bad lands, E. 51.40 chs.; drainage into San Arroyo Wash, thence SE.; shale and sandstone formation.
- Soil, red sandy loam, about 1 ft. deep, lying on a white chalky subsoil, on top of reef; red sandy loam, several ft. deep, along San Arroyo Wash; dark clay, about 6 to 30 ins. deep, lying on shale or on a dark clay mixed with shale, on remainder of mile.
- Timber, cedar and pinon pine.
- Undergrowth, salt brush, sagebrush and greasewood.
- Poor to fair grazing land.

N.0°03'W., bet. secs. 29 and 30.

Over rolling bad lands, through a medium dense growth of short salt brush; asc. general SE. slope 20 ft.

- 6.60 E. slope of spur; desc. 10 ft.
- 11.50 Draw, drains SE.; asc. 95 ft.
- 20.90 Spur, projects SE. about 6.00 chs. dist.; desc. 10 ft.
- 25.80 Head of draw, drains SE.; asc. 25 ft.
- 27.90 Spur, projects E. approximately 10.00 chs. dist.; desc. 20 ft.
- 36.20 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. abrupt. SW. slope 45 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap marked:


 S 30 S 29
 1925

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	
	At the base of the monument, I deposit a sandstone, 8x4x1 ins., marked with a cross (X). Other accessories impracticable.
41.90	Leave salt brush, bears NW. and SE., and enter scattering sagebrush.
42.10	Leave bad lands; rim of reef, 25 ft. high, 140 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; enter a heavy growth of timber, bears NW. and SE.; desc. 40 ft. over N. slope of reef.
42.30	Enter a medium dense growth of sagebrush, bears NW. and SE.
48.90	Leave medium dense growth of timber, bears NW. and SE., and enter scattering.
49.00	Rim of reef, 10 ft. high, bears NW. and SE.; leave medium dense growth of sagebrush and enter scattering, bears NW. and SE.; desc. abrupt NE. slope 120 ft.
55.70	Draw, drains SE.; asc. steep SW. slope 115 ft.
61.10	Rim of reef, 10 ft. high, bears NW. and SE.; enter a heavy growth of timber, bears NW. and SE.; desc. gradually 35 ft., over gentle N. slope of reef.
61.30	Enter a medium dense growth of sagebrush, bears NW. and SE.
76.40	Leave medium dense growth of sagebrush and enter scattering, bears NW. and SE.
76.80	Rim of reef, 10 ft. high, bears NW. and SE.; leave heavy growth of timber and enter scattering, bears NW. and SE.; desc. 30 ft.
78.50	Gulch, drains SE.; asc. abrupt SW. slope 30 ft. to
80.00	On top of rim of reef, 5 ft. high, bearing NW. and SE., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked:

T17S	R25E
S19	S20
S30	S29
1925	

from which,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar, 10 ins. diam., bears N.67°E., 255
lks. dist., marked T 17 S R 25 E S 20 B T.

A cedar limb, 8 ins. diam., bears S.16°E., 82
lks. dist., marked T 17 S R 25 E S 29 B T.

A cedar limb, 7 ins. diam., bears S.83°30'W., 185
lks. dist., marked T 17 S R 25 E S 30 B T.

A cedar limb, 6 ins. diam., bears N.19°W., 179
lks. dist., marked T 17 S R 25 E S 19 B T.

Land, rolling bad lands and reefs, draining SE.; shale
and sandstone formation.

Soil, dark clay, about 6 ins. deep, lying on shale or on
a clay mixed with shale, on rolling bad lands; red
sand and red sandy loam, about 1 to 2 ft. deep, lying
on a gravelly, light sand, white chalky subsoil, or on
shale and bedrock, on tops of reefs.

Timber, cedar and pinon pine.

Undergrowth, salt brush and sagebrush.

Poor to fair grazing land.

N.89°52'E., on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
20, 21, 28 and 29.

Thence,

S.89°55'W., on a true line bet. secs. 20 and 29.

Over rolling land, through scattering undergrowth; desc.
SW. slope 15 ft.

2.00 Draw, drains SE.; asc. abrupt general SE. slope 205 ft.

14.00 E. edge of reef, bears N.80°E. and S.80°W.; desc. grad-
ually 10 ft., over S. point of reef to

15.10 W. edge of reef, bears NW. and SE. about 50 lks. dist.;
precipitous descent of 190 ft., over general W. slope.

24.50 Draw, drains SW.; asc. 40 ft.

27.80 Spur, projects S. approximately 10.00 chs. dist.; desc.
35 ft.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

- 37.40 Dry wash, 40 lks. wide, 5-ft. deep, in bottom of gulch,
drains S.; asc. 20 ft.
- 38.20 Spur, projects S. about 5.00 chs. dist.; desc. gradual
W. slope 15 ft. to
- 40.00 On level bottom, set an iron post, 3 ft. long, 1 in. in
diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with
brass cap marked:
- $$\begin{array}{r} S.20 \\ \frac{1}{4} \\ \hline S.29 \\ 1925 \end{array}$$
- and raise a mound of stone, 3 ft. base, 2 ft. high, N
of cor.
- From this $\frac{1}{4}$ sec. cor., continue over level bottom to
- 41.00 Dry wash, 30 lks. wide, 4 ft. deep, in the bottom of
gulch, drains SE.; leave level bottom land, begin pre
cipitous ascent of 180 ft., over NE. slope.
- 50.00 Enter scattering timber.
- 53.80 Leave scattering undergrowth of salt brush, shadscale,
yellow top and greasewood, and enter scattering sage-
brush.
- 54.20 E. edge of reef, bears N.20°W. and S.20°E.; enter a med
ium dense growth of timber, bears N.20°W. and S.20°E.
desc. gradual general NW. slope of reef 95 ft.
- 55.00 Enter a medium dense growth of sagebrush, bears N. and
- 73.60 Leave medium dense growth of timber and enter scatterin
bears N. and S.
- 75.80 Draw, drains S.; asc. 20 ft.
- 78.50 Top of ascent, bears N. and S.; desc. gradual W. slope
ft. to
- 80.00 The. cor. of secs. 19, 20, 29 and 30.
- Land, rolling bad lands, E. 54.20 chs.; gently rolling
top of reef, W. 25.80 chs.; sandstone and shale forma
tion; general drainage SE.
- Soil, dark clay, about 6 ins. to 1 ft. deep, lying on
shale or on a clay mixed with shale, E. 54.20 chs.;
red sand and red sandy loam, about 1 to 2 ft. deep, ly
ing on a gravelly, light sand, white chalky subsoil,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

or on shale and bedrock, on top of reef.

Timber, cedar and pinon pine, the former predominating.

Undergrowth, sagebrush, salt brush, shadscale, yellow top and greasewood.

Sparse to a fair growth of grass.

S.89°49'W., on a random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.46 Intersect the W. bdy. of the Tp., 7 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Thence,

N.89°52'E., on a true line bet. secs. 19 and 30.

Precipitous ascent of 480 ft., over rough general NW slope, through scattering sagebrush, shadscale and yellow top.

14.20 Top of nearly perpendicular ledge, 30 ft. high, bears NW. and SW.

17.60 Ridge, bears NE. and SW.; enter scattering timber; abrupt descent of 385 ft., over rough general SE. slope.

23.80 Top of nearly perpendicular ledge, 40 ft. high, bears N.80°E. and southwesterly.

36.50 Leave shadscale and yellow top.

37.00 Bottom of abrupt descent, bears N. and S.; desc. gradually 30 ft. to $\frac{1}{4}$ sec. cor., over rolling top of reef.

37.50 Enter a heavy growth of timber, bears N. and S.

39.46 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 19 \\ \frac{1}{4} \\ \hline S\ 30 \\ 1925 \end{array}$$

from which,

A cedar, 6 ins. diam., bears N.44°45'W., 21 lks. dist., marked $\frac{1}{4}$ S 19 B T.

A cedar limb, 5 ins. diam., bears S.44°30'E., 80 lks. dist., marked $\frac{1}{4}$ S 30 B T.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

From this $\frac{1}{4}$ sec. cor., desc. gradually 130 ft., over rolling top of reef.

64.50 Leave timber, bears N. and S., and enter dense sagebrush.

69.30 Enter a medium dense growth of timber, bears N. and S.; sagebrush becomes scattering.

72.70 Leave medium dense growth of timber and enter scattering, bears N. and S.

72.90 Enter a medium dense growth of sagebrush, bears N. and S.

77.30 E. rim of reef, 5 ft. high, bears NW. and SE.; desc. abruptly 30 ft.

78.70 Gulch, drains SE.; abrupt ascent of 30 ft. to

79.46 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous; steep and rugged with outcroppings, large boulders, broken and perpendicular ledges of sandstone formation, W. 37.00 chs.; rolling top of reef, E. 42.46 chs.; general drainage S. and SE.

Soil, shallow red sand and red sandy loam, lying on bedrock and shale, on the mountainous portion; red sand and sandy loam, 6 ins. to 2 ft. deep; lying on bedrock, shale or on a clay subsoil, on rolling top of reef.

Timber, cedar and pinon pine, the former predominating.

Undergrowth, sagebrush, shadscale and yellow top.

Fair growth of grass.

N. 0° 03' W., bet. secs. 19 and 20.

Over rolling top of reef, through scattering timber and medium dense growth of sagebrush; asc. gradual SW. slope 35 ft.

39.50 Spur, projects SE. approximately 20.00 chs. dist.; desc. NE. slope 10 ft. to $\frac{1}{4}$ sec. cor.

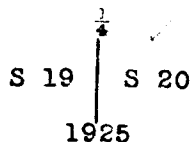
39.70 Sagebrush becomes scattering, bearing NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

A cedar, 6 ins. diam., bears S.59°E., 56

lks. dist., marked $\frac{1}{4}$ S 20 B T.

A cedar, 6 ins. diam., bears N.33°15'W., 122

lks. dist., marked $\frac{1}{4}$ S 19 B T.

43.00 Enter scattering undergrowth of shadscale and yellow top.

50.30 Dry wash, 40 lks. wide, 5 ft. deep, in the mouth of
gulch, 25 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc.
gradual SW. slope 15 ft. to

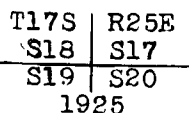
55.00 Leave top of reef, bears NW. and SE.; begin precipitous
ascent of 420 ft., over rough general SW. slope.

71.90 Perpendicular ledge, 75 ft. high, bears NW. and SE.

72.40 Spur, projects W. approximately 7.00 chs. dist.; desc.
35 ft.

77.20 Draw, drains W.; asc. S. slope 120 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 17, 18, 19 and 20,
with brass cap marked:



from which,

A cedar, 4 ins. diam., bears N.55°15'E., 27

lks. dist., marked T 17 S R 25 E S 17 B T.

A pinon pine, 9 ins. diam., bears S.65°30'E., 26

lks. dist., marked T 17 S R 25 E S 20 B T.

A pinon pine, 10 ins. diam., bears S.63°15'W., 43

lks. dist., marked T 17 S R 25 E S 19 B T.

A cedar, 3 ins. diam., bears N.4°45'W., 33

lks. dist., marked B T.

Land, rolling top of reef, S. 55.00 chs.; steep and
mountainous with outcroppings, large boulders, broken
and perpendicular ledges of sandstone formation, N.

Survey of the Subdivision of T. 17 S., R. 25 E.,

Chains.	<p>25.00 chs.; general drainage SE.</p> <p>Soil, red sand and sandy loam, about 6 ins. to 2 ft. deep, lying on bedrock, shale or on a clay subsoil, on rolling top of reef; shallow red sand, lying on shale, bedrock or on a clay subsoil, on the mountainous portion.</p> <p>Timber, cedar and pinon pine.</p> <p>Undergrowth, sagebrush, shadscale and yellow top.</p> <p>Fair grazing land, S. 55.00 chs.</p>
40.00	<p>N. 89° 55' E., on a random line bet. secs. 17 and 20.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>
79.90	<p>Intersect N. and S. line, 7 lks. S. of the cor. of secs. 16, 17, 20 and 21.</p> <p>Thence,</p> <p>S. 89° 52' W., on a true line bet. secs. 17 and 20.</p> <p>Asc. gradually 10 ft., over gently rolling top of reef, through a heavy growth of timber and medium dense sagebrush.</p>
8.10	<p>Edge of reef, bears N. and S.; leave heavy growth of timber and enter scattering, bears N. and S.; abrupt descent of 135 ft., over W. slope.</p>
11.90	<p>Dry wash, 25 lks. wide, 5 ft. deep, in the bottom of gulch, drains S.; steep ascent of 115 ft.</p>
18.30	<p>Edge of reef, bears N. and S.; enter a medium dense growth of timber, bears N. and S.; over nearly level or gently rolling top of reef to $\frac{1}{4}$ sec. cor.</p>
30.30	<p>Leave medium dense growth of timber and enter scattering, bears NE. and SW.</p>
39.95	<p>Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:</p> <div style="text-align: right; margin-right: 50px;"> <p>S 17 ✓</p> <hr style="width: 50px; margin: 0 auto;"/> <p>S 20</p> <p>1925</p> </div> <p>from which,</p>

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A cedar limb, 5 ins. diam., bears N.74°E., 34
lks. dist., marked $\frac{1}{4}$ S 17 B T.

A cedar limb, 4 ins. diam., bears S.21°30'E., 143
lks. dist., marked $\frac{1}{4}$ S 20 B T.

From this $\frac{1}{4}$ sec. cor., continue over nearly level or
gently rolling top of reef.

40.10 Edge of reef, bears N. and S.; desc. abruptly 25 ft.

40.70 Gulch, drains S.; steep ascent of 25 ft.

41.40 Edge of reef, bears N. and S.; begin gradual ascent of
30 ft., over rolling general E. slope of reef to

54.60 Leave top of reef, bears northwesterly and southwesterly;
leave medium dense sagebrush, bears NW. and SW., and
enter scattering sagebrush, shadscale and yellow top;
begin precipitous ascent of 525 ft., over rough general
E. slope.

62.00 Top of nearly perpendicular ledge, 110 ft. high, bears
northwesterly and southwesterly.

65.20 Perpendicular ledge, 50 ft. high, bears SW. and NE. about
1.00 chs. dist., thence NW.

71.10 S. extremity of rugged spur from N.; desc. abruptly 110
ft., over rough general SW. slope to

79.90 The cor. of secs. 17, 18, 19 and 20.

Land, nearly level, gently rolling, rolling and broken
tops of reef, E. 54.60 chs.; steep and mountainous,
with shale and sandstone exposed in the form of out-
croppings, large boulders, and broken and perpendicular
ledges, W. 25.30 chs.; general drainage S. and SE.

Soil, red sand and red sandy loam, about 6 ins. to 2 ft.
deep, lying on shale; bedrock, a clay or on a white
chalky subsoil, on top of reef; shallow red sand and
sandy loam; lying on shale, bedrock or on a clay sub-
soil, on the remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale and yellow top.

Fair grazing land, E. 54.60 chs.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	S.89°52'W., on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.48	Intersect the W. bdy. of the Tp., 12 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described. Thence, N.89°57'E., on a true line bet. secs. 18 and 19. Over gently rolling bottom of San Arroyo Canyon, through dense sagebrush; asc. gradual NW. slope 10 ft.
1.20	Leave bottom of canyon, bears NE. and SW.; begin precipitous ascent of 285 ft., over rough NW. slope, through scattering timber.
1.50	Leave dense sagebrush, bears NE. and SW., and enter scattering sagebrush, shadscale, yellow top and mountain rush.
7.30	Spur, projects SW.; desc. 130 ft.
25.40	Draw, drains SW.; asc. abruptly 315 ft., over general W. slope to
39.48	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: right;">$\frac{1}{4}$ S 18 S 19 1925</div> from which, A cedar, 8 ins. diam., bears N.28°30'W., 68 lks. dist., marked $\frac{1}{4}$ S 18 B T. A cedar limb, 6 ins. diam., bears S.0°45'E., 81 lks. dist., marked $\frac{1}{4}$ S 19 B T.
42.00	Ridge, 20 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; precipitous descent of 560 ft.
56.10	Rugged gulch, drains S.; asc. 25 ft.
60.00	Spur, projects southwesterly approximately 7.00 chs. dist.; desc. 25 ft.
62.10	Draw, drains SW.; begin precipitous ascent of 385 ft., over general SW. slope.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

69.20 Perpendicular ledge, 130 ft. high, bears NE. and SW.

75.50 Top of abrupt ascent, asc. gradually 10 ft. along S.
slope of spur to sec. cor.

75.70 Enter a medium dense growth of timber, bears N. and S.

79.48 The cor. of secs. 17, 18, 19 and 20.

Land, steep and mountainous; rugged with sandstone out-
croppings, large boulders, broken and perpendicular
ledges; series of high perpendicular ledges on E. $\frac{1}{2}$
mile; drainage SW. into San Arroyo Canyon, W. 42.00
chs.; general drainage SE., E. 37.48 chs.

Soil, shallow red sand and sandy loam, lying on shale,
bedrock, or on a clay subsoil.

Timber, cedar and pinon pine.

Undergrowth, sagebrush, shadscale, yellow top and moun-
tain rush..

Poor to fair growth of grass.

N.0°03'W., bet. secs. 17 and 18.

Over rough mountainous land, through a medium dense
growth of timber and scattering undergrowth; asc.
abrupt S. slope 105 ft.

2.20 Leave medium dense growth of timber and enter scattering,
bears E. and W.

3.20 Spur, projects S.70°W. approximately 15.00 chs. dist.;
asc. abruptly 175 ft., across the head of draw, drain-
ing S.70°W.

16.50 Rugged spur, projects S.20°E. about 8.00 chs. dist.,
thence SE.; steep descent of 165 ft., over NE. slope.

28.00 Head of draw, drains S.70°E.; abrupt ascent of 85 ft.


32.50 Spur, projects S.70°E. approximately 10.00 chs. dist.;
desc. 55 ft.

37.20 Head of draw, drains S.70°E.; asc. SW. slope 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in
the ground to solid rock, and in a mound of stone, 3 $\frac{1}{2}$
ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.



 S 18 S 17

 1925

At the base of the monument, I deposit a sandstone,
 9x9x4 ins., marked with a cross (X). Other accessories
 impracticable.

- 45.30 Spur, 185 ft. above $\frac{1}{4}$ sec. cor., projects S.60°E. about
 40.00 chs. dist.; desc. 140 ft.
- 60.00 Head of gulch, drains SE.; precipitous ascent of 250 ft.
- 65.90 Spur, projects S.80°E. approximately 60.00 chs. dist.;
 a high peak bears W. about 3.00 chs. dist.; abrupt de-
 scent of 105 ft.
- 76.10 Head of gulch, drains S.80°E.; asc. abruptly 70 ft.,
 over general SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins.
 in the ground to solid rock, and in a mound of stone,
 4 ft. base, 1 ft. high, for cor. of secs. 7, 8, 17 and
 18, with brass cap marked:

T17S	R25E
S7	S8
S18	S17
1925	

from which,

A cedar, 12 ins. diam., bears N.61°E., 73
 lks. dist., marked T 17 S R 25 E S 8 B T.

A cedar limb, 3 ins. diam., bears S.61°E., 37
 lks. dist., marked B T.

A cedar, 12 ins. diam., bears S.46°45'W., 12
 lks. dist., marked T 17 S R 25 E S 18 B T.

A cedar, 7 ins. diam., bears N.21°15'W., 189
 lks. dist., marked T 17 S R 25 E S 7 B T.

Land, steep and mountainous; entire mile rough with large
 boulders, outcroppings and ledges of sandstone forma-
 tion; general drainage SE.

Soil, red sand and sandy loam, about 4 ins. to 1 ft.
 deep, lying on a clay subsoil or on bedrock.

Timber, cedar and pinon pine.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Undergrowth, shadscale, yellow top and mountain rush.
Good grazing of bunch grass on greater portion of mile.

N.89°52'E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
8, 9, 16 and 17.

Thence,

S.89°51'W., on a true line bet. secs. 8 and 17.

Over gently rolling or nearly level land, through a
heavy growth of timber and medium dense sagebrush;
asc. gradually 10 ft.

12.60 Leave heavy growth of timber and enter scattering, bears
N. and S.

12.80 Leave nearly level and gently rolling land, bears N. and
S., and enter rough mountains; sagebrush becomes
more scattering, bearing N. and S.; desc. W. slope 65
ft.

21.90 Ravine, drains S.; asc. NE. slope 75 ft.

29.50 Spur, slopes S.30°E. about 4.00 chs. dist.; leave timber
and enter scattering shadscale, yellow top and moun-
tain rush; desc. 30 ft.

33.20 Ravine, drains SE.; precipitous ascent of 220 ft. to $\frac{1}{4}$
sec. cor., over NE. slope.

37.30 Top of nearly perpendicular ledge, 140 ft. high, bears
N. about 1.00 chs. dist., thence easterly and S. about
4.00 chs. dist., thence westerly.

37.40 Enter a heavy growth of timber, bears E. and W.

39.94 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground to solid rock, and in a mound of stone, 3
ft. base, 10 ins. high, for $\frac{1}{4}$ sec. cor., with brass
cap marked:

$\frac{1}{4}$ S 8

S 17

1925

from which,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

A pinon pine limb, 8 ins. diam., bears N.71°30'W.,

4 lks. dist., marked $\frac{1}{4}$ S 8 B T.

A pinon pine, 12 ins. diam., bears S.26°W., 32

lks. dist., marked $\frac{1}{4}$ S 17 B T.

43.30 Leave heavy growth of timber and enter scattering, bears NW. and SE.

47.30 Spur, 110 ft. above $\frac{1}{4}$ sec. cor., projects SE, approximately 12.00 chs. dist.; desc. 85 ft.

59.40 Ravine, drains SE.; precipitous ascent of 115 ft.

65.10 Spur, projects SE. about 8.00 chs. dist.; desc. 35 ft.

69.90 Ravine, drains SE.; asc. abrupt general SE. slope 265 ft to

79.68 The cor. of secs. 7, 8, 17 and 18.

Land, nearly level and gently rolling, E. 12.80 chs.; steep and rugged with large boulders, outcroppings, and broken and perpendicular ledges, W. 67.08 chs.; sandstone formation; E. 12.80 chs. drain SE. into Bitter Creek Wash; remainder of mile drains SE. into San Arroyo Wash.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a light clay, gravelly, light sand, or on shale, on the level and rolling land; shallow red sand and sandy loam lying on a clay subsoil or on bedrock, on the mountainous portion.

Timber, cedar and pinon pine, the former predominating.

Undergrowth, sagebrush, shadscale, yellow top and mountain rush.

Good grazing of bunch grass on the rough portions of mile

S.89°57'W., on a random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.42 Intersect the W. bdy. of the Tp., at the true point for the cor. of secs. 7, 12, 13 and 18, or 2.62 chs. N. of the witness cor. for secs. 7, 12, 13 and 18, hereinbefore described.

Thence, from the true cor. point,

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

N.89°57'E., on a true line bet. secs. 7 and 18.

Over rough mountainous land, through scattering timber and medium dense undergrowth; asc. abrupt NW. slope 65 ft.

2.50 Spur, slopes S. about 4.00 chs. dist.; the SW. point of a perpendicular ledge, 40 ft. high, bearing NE. and NW., bears N. 16 lks. dist.; desc. steep SE. slope 130 ft.

5.80 Rugged ravine, drains SW.; precipitous ascent of 390 ft., over NW. slope.

7.90 Perpendicular ledge, 70 ft. high, bears NE. and SW.

17.80 Spur, from SE., projects southwesterly approximately 12.00 chs. dist.; desc. abrupt NE. slope 140 ft.

26.10 Draw, drains N. about 3.00 chs. dist. into a ravine, draining W.; asc. general NW. slope 125 ft. to

39.42 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 7
—
S 18
1925

from which,

A cedar, 12 ins. diam., bears N.80°15'E., 19 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 10 ins. diam., bears S.34°15'E., 49 lks. dist., marked $\frac{1}{4}$ S 18 B T.

48.00 Spur, 105 ft. above $\frac{1}{4}$ sec. cor., projects SW. approximately 15.00 chs. dist., thence NW.; desc. 60 ft.

67.40 Head of ravine, drains S.80°W.; precipitous ascent of 315 ft., over general W. slope.

75.90 Ridge, bears N. and S.; desc. abrupt general SE. slope 150 ft. to

79.42 The cor. of secs. 7, 8, 17 and 18.

Land, steep and mountainous; rugged with large boulders, outcroppings, and broken and perpendicular ledges of sandstone formation; drainage W. into San Arroyo Canyon, W. 75.90 chs.; drainage E., E. 3.52 chs.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

Soil, light colored and dark red sand and sandy loam, varying in depth from about 3 ins. to 3 ft., lying on bedrock, or on a blue clay subsoil. Sandy loam, several ft. deep, in the bottom of San Arroyo Canyon.

Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.

Undergrowth, varies from a scattering to a medium dense growth of sagebrush, shadscale and mountain rush.

Good grazing of bunch grass on greater portion of mile.

N.0°03'W., bet. secs. 7 and 8.

Asc. abrupt rough general SE. slope 115 ft., through scattering timber and undergrowth.

- 9.20 Ridge, bears NE. and SW.; desc. abruptly 175 ft.
- 20.50 Head of ravine, drains W.; abrupt ascent of 200 ft.
- 35.20 Same ridge as noted at 9.20 chs., bears NW. and SE.; desc. 15 ft. across the head of ravine, draining E.
- 36.20 Spur, projects E. approximately 25.00 chs. dist.; desc. abrupt general NE. slope 180 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$
 S 7 | S 8
 1925
- from which,
- A cedar, 6 ins. diam., bears N.27°30'E., 62 lks. dist., marked $\frac{1}{4}$ S 8 B T.
- A pinon pine, 6 ins. diam., bears N.3°30'W., 78 lks. dist., marked $\frac{1}{4}$ S 7 B T.
- 42.00 Head of ravine, 30 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc. 35 ft., along general SE. slope.
- 50.20 Spur, projects E. about 8.00 chs. dist.; desc. 100 ft.
- 63.50 Ravine, drains SE.; precipitous ascent of 300 ft., over SW. slope.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

71.60

Spur, projects SE. approximately 30.00 chs. dist.;
abrupt descent of 115 ft., over NE. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins.
in the ground to solid rock, and in a mound of stone,
5 ft. base, 1 ft. high, for cor. of secs. 5, 6, 7 and
8, with brass cap marked:

T17S	R25E
S6	S5
S7	S8
1925	

from which,

A cedar, 6 ins. diam., bears N.41°E., 48
lks. dist., marked T 17 S R 25 E S 5 B T.

A cedar, 10 ins. diam., bears S.77°E., 56
lks. dist., marked T 17 S R 25 E S 8 B T.

A cedar, 9 ins. diam., bears S.21°W., 65
lks. dist., marked T 17 S R 25 E S 7 B T.

A cedar limb, 6 ins. diam., bears N.7°W., 36
lks. dist., marked T 17 S R 25 E S 6 B T.

Land, steep and rugged mountains of large sandstone
boulders, outcroppings and broken ledges; drainage E.
and SE., S. 9.20 chs. and N. 44.80 chs.; remainder of
mile drains W. and SW. into San Arroyo Canyon.

Soil, shallow light sand and sandy loam, lying on bed-
rock or on a blue clay subsoil.

Timber, varies from a scattering to a medium dense
growth of cedar and pinon pine.

Undergrowth, varies from a scattering to a medium dense
growth of sagebrush, shadscale, yellow top, buck brush,
service berry bushes and mountain rush.

Poor to good growth of bunch grass.

N.89°51'E., on a random line bet. secs. 5 and 8.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

79.68

Intersect N. and S. line, 12 lks. S. of the cor. of secs.
4, 5, 8 and 9.

Thence,

Survey of the Subdivision of T. 17 S., R. 25 E.

- Chains. S. $89^{\circ}46'W.$, on a true line bet. secs. 5 and 8.
 Asc. abrupt rough general NE. slope 350 ft., through scattering timber and undergrowth.
- 7.60 Extreme SE. point of perpendicular ledge, 50 ft. high, bears NE. and NW., on top of ridge, bearing NW. and SE.; precipitous descent of 245 ft., over SW. slope.
- 20.10 Head of ravine, drains S.; asc. steep SE. slope 150 ft.
- 26.00 Spur, projects S. $25^{\circ}W.$ approximately 15.00 chs. dist., thence SE. about 20.00 chs. dist.; desc. abruptly 395 ft.
- 36.20 Ravine, drains S. $25^{\circ}W.$; asc. abrupt SE. slope 80 ft. to
- 39.94 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 5 \\ \frac{1}{4} \text{ --- } \\ S\ 8 \\ 1925 \end{array}$$
- from which,
- A cedar, 24 ins. diam., bears N. $66^{\circ}30'E.$, 60 lks. dist., marked $\frac{1}{4}$ S 5 B T.
- A cedar limb, 4 ins. diam., bears S. $84^{\circ}30'E.$, 72 lks. dist., marked $\frac{1}{4}$ S 8 B T.
- 45.40 Spur, 140 ft. above $\frac{1}{4}$ sec. cor., projects S. $20^{\circ}W.$ approximately 25.00 chs. dist.; desc. steep NW. slope 315 ft.
- 52.00 Canyon, drains S.; asc. abrupt NE. slope 165 ft.
- 55.40 Spur, slopes SE. about 4.00 chs. dist.; desc. 115 ft., along SW. slope.
- 60.50 Ravine, drains SE.; precipitous ascent of 335 ft., over NE. slope to
- 79.88 The cor. of secs. 5, 6, 7 and 8.
- Land, steep and mountainous; rugged with large boulders, outcroppings, and series of broken and perpendicular ledges; sandstone formation; general drainage SE.
- Soil, shallow light sand and sandy loam, lying on bed-rock, or on a blue clay subsoil.
- Timber, varies from a scattering to a medium dense

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

growth of cedar and pinon pine, the former predominating.

Undergrowth, shadscale, yellow top, buck brush, service berry bushes and mountain rush.

Poor to fair growth of bunch grass.

S.89°57'W., on a random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.38 Intersect the W. bdy. of the Tp., 8 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence,

East, on a true line bet. secs. 6 and 7.

Asc. 100 ft., along rough SW. slope, through a medium dense growth of timber and scattering undergrowth.

5.90 Spur, projects S.20°E. approximately 10.00 chs. dist.; desc. abrupt NE. slope 270 ft.

15.90 Draw, drains SE.; asc. 25 ft.

24.50 Spur, slopes S. about 1.00 chs. dist.; desc. 40 ft.

26.60 Dry wash, 40 lks. wide, 4 ft. deep, in the bottom of San Arroyo Canyon, drains S. about 1.00 chs. dist., thence W. about 3.00 chs. dist.; thence southwesterly; precipitous ascent of 460 ft. to $\frac{1}{4}$ sec. cor., over SW. slope.

34.20 Top of nearly perpendicular ledge, 30 ft. high, bears N. and S.

39.38 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, $5\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 6\ . \\ \frac{1}{4} \overline{) } \\ S\ 7\ . \\ 1925 \end{array}$$

from which,

A pinon pine, 8 ins. diam., bears N.72°E., 122 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A cedar limb, 6 ins. diam., bears S.42°30'E., 19 lks. dist., marked $\frac{1}{4}$ S 7 B T.

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.	
40.80	Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects NW. approximately 20.00 chs. dist.; desc. abruptly 135 ft.
54.90	Ravine, drains NW.; steep ascent of 460 ft., over general NW. slope.
71.60	Ridge, bears N. 10° E. and S. 10° W.; desc. abruptly 305 ft. over general NE. slope to
79.38	The cor. of secs. 5, 6, 7 and 8.
	Land, steep and mountainous; rugged with large boulders, outcroppings and ledges; sandstone formation; general drainage SW. by San Arroyo Canyon, W. 71.60 chs.; E. 7.78 chs. drain SE.
	Soil, shallow light sand and sandy loam, lying on bedrock and on a clay subsoil.
	Timber, varies from a scattering to a medium dense growth of cedar and pinon pine.
	Undergrowth, shadscale, sagebrush, yellow top, buck brush, service berry bushes and mountain rush.
	Fair growth of bunch grass.
	N. 0° 03' W., on a true line bet. secs. 5 and 6.
	Asc. abruptly 395 ft., along rugged SE. slope, through a medium dense growth of timber and scattering undergrowth of shadscale, yellow top, buck brush, service berry bushes and mountain rush.
12.40	Ridge, bears NE. and SW.; desc. steep NW. slope 230 ft.
24.50	Ravine, drains W.; precipitous ascent of 290 ft., over S. slope.
37.50	Perpendicular ledge, 35 ft. high, bears NW. and SE.
37.90	Spur, projects W. approximately 25.00 chs. dist.; desc. abruptly 65 ft. to $\frac{1}{4}$ sec. cor., in the head of ravine, draining W.
38.40	Perpendicular ledge, 35 ft. high, bears NE. and SW. about 60 lks. dist., thence SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

ft. base, 14 ins. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$ ✓
 S 6 | S 5
 1925

from which,

A pinon pine, 8 ins. diam., bears N.14°30'E., 13 lks. dist., marked $\frac{1}{4}$ S 5 B T.

A pinon pine, 8 ins. diam., bears N.52°45'W., 42 lks. dist., marked $\frac{1}{4}$ S 6 B T.

- 43.00 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects W. approximately 20.00 chs. dist.; undergrowth of buck brush and service berry bushes becomes dense, bearing E. and W.; precipitous descent of 460 ft., over general NW. slope.
- 65.30 Leave dense undergrowth of buck brush and service berry bushes, bears E. and W., and enter scattering.
- 65.40 Ravine, drains W.; asc. abruptly 245 ft.
- 75.20 Spur, projects W. about 17.00 chs. dist.; desc. abruptly 130 ft.
- 75.40 Enter dense undergrowth of buck brush and service berry bushes, bears E. and W.
- 81.00 Buck brush and service berry bushes become scattering, bearing E. and W.
- 81.20 Ravine, drains W.; abrupt ascent of 105 ft., over S. slope to
- 83.78 Intersect the S. bdy. of sec. 32, T. 16 S., R. 25 E., east 34.46 chs. dist. from the cor. of secs. 5, 6, 31 and 32, which is an iron post, 2 ins. in diam., extending about 18 ins. above ground, firmly set in a large mound of stone, correctly marked, and witnessed by four bearing trees, one in each sec., as described in the finished field notes of T. 16 S., R. 25 E., Group No. 87; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap marked:

Survey of the Subdivision of T. 17 S., R. 25 E.

Chains.

T16SR25E

S 32

S6 S5

T17S R25E

CC

1925

from which,

A pinon pine, 10 ins. diam., bears S.28°30'E., 50
lks. dist., marked T 17 S R 25 E S 5 C C B T.

A pinon pine limb, 9 ins. diam., bears S.70°30'W.,
41 lks. dist., marked T 17 S R 25 E S 6 C C B T.

The set. cor., which was originally established for the
cor. of secs. 5, 6, 31 and 32, Tps. 16 and 17 S., R.
25 E., now refers to secs. 31 and 32, T. 16 S., R. 25
E.; therefore, I efface the markings on the post and
trees, pertaining to secs. 5 and 6, T. 17 S., R. 25 E.
Land, abrupt and mountainous; rugged with large boulders,
outcroppings, and series of broken and perpendicular
ledges of sandstone formation; drainage SE., S. 12.40
chs.; N. 71.38 chs. drain W. into San Arroyo Canyon.
Soil, light sand or light sandy loam, about 6 to 30 ins.
deep, lying on bedrock, or on a clay subsoil.
Timber, varies from a scattering to a heavy growth of
cedar and pinon pine.
Undergrowth, buck brush, service berry bushes, shadscale,
yellow top and mountain rush.
Fair to a good growth of bunch grass.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing.	Dist- ance.	Latitudes.		Departures.	
			N.	S.	E.	W.
West Bdy. of Tp.	North	Chs. 483.47	Chs. 483.47			
North Bdy. of Tp.	East	477.84			477.84	
East Bdy. of Tp.	South	482.93		482.93		
South Bdy. of Tp.	S.89°54'W.	479.58		0.84		479.58
Convergency					0.59	
Totals.....			483.47	483.77 483.47	478.43	479.58 478.43
Errors in lat. and dep.....				0.30		1.15

General Description.

Every variety of land from level, rolling and gently rolling bottom land, benches and tops of reefs to steep and rugged mountains is found in this township. Nearly all of the northwest half of the township, with the exception of sections one and two, lie at the base and in the Book Mountains, while the remainder or more than half of the township is situated in the valley, and may be classed as level and gently rolling, rolling and broken, and rolling "bad lands". The level and gently rolling land covers all of the southeast quarter of the township and portions of sections thirteen, fourteen, fifteen, twenty-one, twenty-eight, thirty-one and thirty-two, excepting parts of sections twenty-seven, thirty-four and thirty-five; nearly all of the rolling and broken land lies in sections one, two, eleven and twelve, and in portions of sections nine, ten, thirteen, fourteen, fifteen and sixteen, and the rolling "bad lands", which consist of hills, low spurs and ridges, benches, small mesas, knolls and buttes is found in parts of sections sixteen, twenty, twenty-one, twenty-two, twenty-seven, twenty-eight, twenty-nine, thirty, thirty-one, thirty-two, thirty-three, thirty-four, thirty-five and thirty-six. In the southwest part of the township, a large reef with a level and rolling top and a nearly perpendicular rim, varying in height from a few feet to about fifty feet, separates the mountains from the low lands. It crosses the west boundary of section thirty-one, near the quarter section corner of sections thirty-one and thirty-six, and bears or meanders in a northeasterly direction to about the center of section sixteen. The mountains are cut by numerous rough deep ravines, gulches and canyons, the principal ones of the latter being Bitter Creek and San Arroyo, which drain the entire township in a south and southeasterly direction

General Description.

into the Colorado River to the south. The wash from San Arroyo Canyon drains into the wash from Bitter Creek Canyon, in the township adjoining on the south-east, viz: Township Eighteen South, Range Twenty-six East. Sandstone and shale are exposed in the form of outcroppings, boulders and series of broken, sloping and perpendicular ledges in the mountainous portions, but shale outcroppings is the principal formation on the low lands. A few seams and veins of good coal are exposed in the mountains on the sides of the ravines, gulches and canyons, and more particularly so, in the forks of Bitter Creek Canyon, where the veins are from one to ten feet in height. Several oil claims have been staked off in the southern part of the township, and the oil shale indications for oil in this township are as good as in the adjoining locality, where drilling is in progress. There is no apparent indication of other mineral deposits. The township has a general southern exposure, an approximate range of elevation above sea level of five thousand to six thousand five hundred feet, and the general average magnetic declination is fifteen degrees and forty minutes east, which gives the magnetic bearing of the true meridian north fifteen degrees forty minutes west.

The soil in the mountains is a shallow light or red sand, or sandy loam, lying on a clay subsoil or on shale and bedrock. On the level and gently rolling land, and on the tops of reefs and broken land, the soil is a red sand or sandy loam, about six inches to three feet deep, lying on a light clay, gravelly, light sand, white chalky subsoil, or on shale. Sandy loam, several feet deep, is found on the bottom land along San Arroyo Wash; and there is a light clay or adobe clay, varying in depth from a few inches to several feet, lying on shale or on a clay mixed with shale, on the "bad lands".

General Description.

Scattering to a heavy growth of cedar and pinon pine grow on the rough mountainous portions, tops of reefs, and on the broken and rolling land in the northeast part of the township; and there are a few scattering and patches of cedar and pinon pine on the rolling "bad lands", and on some of the sections in the southeast quarter of the township.

The principal undergrowth in the mountains is sagebrush, shadscale, yellow top, mountain rush, service berry bushes and buck brush, the former three predominating. A scattering to a dense growth of sagebrush and shadscale grow on the broken and rolling land and on the tops of the reefs; and nearly all of the southeast quarter of the township is covered with dense tall sagebrush, while scattering to a dense growth of shadscale and salt brush is found on the rolling "bad lands". Dense tall sagebrush is the principal undergrowth in the bottoms of ravines, gulches and canyons, and greasewood predominates on the bottom land along the main washes.

Claude Taylor, the only settler in the township, owns a ranch, which is located in portions of sections nine, ten, fifteen and sixteen. His house, twenty-six by twenty-three feet, is constructed of lumber and cedar posts; he has a garage, hay shed, two large corrals, and about one-half of a section of ground fenced with woven wire, but no land under cultivation. The fenced area is covered with dense tall sagebrush, and besides being used as a grass pasture, the high undergrowth serves as feed for cattle in the winter, during periods of deep snow. The applicant depends entirely on rain water for culinary purposes; and in the ground beside the house, he has two large cemented water cisterns, each holding several thousand gallons. The cisterns are connected by pipes to the roof of the house, and the water is filtered through charcoal. For stock

General Description.

watering purposes, Mr. Taylor has constructed three reservoirs, two in section fifteen and one in section sixteen. The reservoirs, which hold enough water to supply about six hundred head of cattle for two months in the fall and two months in the spring of the year, are located at the mouths of draws, the latter draining into them during heavy showers in the summer months. There is a stream of clear, alkali water, two links wide, three inches deep, in the bottom of Bitter Creek Canyon, flowing through lot three and the southeast quarter of the northwest quarter of section three. Stock also water at this stream. There are no springs nor any other streams or watering places in the township. About six hundred head of cattle are kept on this ranch and adjoining range. Jolly brothers, sheep owners, have approximately one quarter section of land fenced with woven wire, in sections twenty-five, twenty-six, thirty-five and thirty-six, and also have a small woven wire corral in section thirty-six. A well travelled automobile or wagon road bears southeasterly from Claude Taylor's ranch to the Pike's Peak-Ocean to Ocean Highway. From this road in section thirty, Township Seventeen South, Range Twenty-six East, a well travelled automobile or sheep wagon road forks, and bears westerly into section twenty-five, Township Seventeen South, Range Twenty-five East, where it forks northwesterly and southwesterly to Jolly's field in sections twenty-five, twenty-six, thirty-five and thirty-six. The road from the Wild Cow ranch house, which is located in section thirty-six, Township Sixteen South, Range Twenty-five East, to Prairie Canyon and thence to the Pike's Peak-Ocean-to-Ocean Highway, crosses the north boundary of the township, near the closing corner of sections one and two, and bears in a southeasterly direction, leaving the east boundary of

General Description.

section one, near the quarter section corner of sections one and six. There is also an old sheep wagon road, which crosses the south boundary of section thirty-six, near the quarter section corner of sections one and thirty-six, and bears in a northwesterly direction to Jolly's corral in section thirty-six. There are no other roads nor any other improvements in the township.

Nearly all of the level and gently rolling land throughout the township could be used to raise crops by dry farming or by irrigation, but the latter method is not feasible at the present time. The bottoms of the canyons are too narrow to cultivate, and the remainder of the land in the township is unsuitable for farming, and is adapted only for grazing stock. There is a fair to an excellent growth of grass along with the undergrowth as browse, on the greater part of all of the sections; and owing to the low altitude, the land serves as a good fall, winter and spring range for sheep or cattle, and is being used for that purpose at present. The southeast quarter of the township is an excellent winter range for stock, for there is a dense growth of grass, and the tall sagebrush serves as feed during periods of deep snow in the winter months. Stock do well in the rough mountains in the spring and fall of the year, as long as there is snow for water.

--	--	--

Blank

Page

--	--	--

FIELD ASSISTANTS.

[illegible]

CERTIFICATE OF UNITED STATES SURVEYOR.

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah, bearing date of the 10th day of February, 1923, I have well, faithfully, and true in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South, East and West Boundaries, and the Establishment of Quarter Section Corners on the North Boundary, and the Survey of the Subdivision of

T. 17 S., R. 25 E.

of the Salt Lake Basin

and Meridian in the State of Utah, which are represented in and state diagram on page 1 of same on the dates shown on said diagram, the foregoing field notes as having been executed by me, and under my direction, and that all the corners and lines have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the U. S. Surveyor General for Utah, in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.
February 24, 1926.

J. C. Clark
U. S. Surveyor

APPROVAL.

Supervisor of Surveys
OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~

DEC 12 1926, 19

The foregoing field notes of the survey of the south, east and west boundaries and the establishment of quarter section corners on the north boundary and the survey of the subdivision of T. 17 S., R. 25 E., S. L. B. & M.,

executed by J. C. Clark, U. S. Surveyor

under his special instructions dated February 10, 1923, 19, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys thereon, are hereby approved.

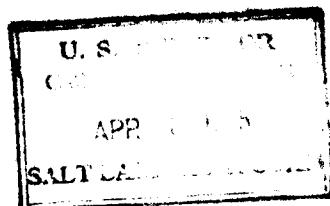
William H. Johnson
Supervisor of Surveys ~~U. S. Surveyor General~~

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General

BOOK A-479

B



FIELD NOTES

OF THE ~~SURVEY OF THE~~

~~THE~~ SURVEY OF A PORTION OF THE SOUTH BOUNDARY, SURVEY OF THE WEST
BOUNDARY AND A PORTION OF THE SUBDIVISION OF, T. 28 S., R. 22 E.

Of the Salt Lake Base And Meridian,

In the State of Utah.

EXECUTED BY

Chas. F. Moore

And

Willis W. Bandy

In the capacity of U. S. Surveyors, under instructions dated July 28, 1923,
issued by the United States Surveyor General to govern surveys included in
Group No. 142, which were approved by the Commissioner of the General Land
Office, August 13, 1923, and assignment instruction dated
May 15, 1924.

Survey commenced June 6, 1924.

Survey completed June 20, 1924.

BOOK A-179

INDEX DIAGRAM.

Township 28 South, Range 22 East

21	6	59	5	4	3	2	1
	58		57				
20	7	55	4	9	10	11	12
	54		52				
19	13	50	17	23	16	15	18
	48		46	22			
18	19	45	20	37	21	22	23
	44		42	35			
16	30	41	29	34	28	29	27
	40		39	33	27		
15	31	38	32	30	33	25	34
	13		12	10	9		
	8	8	6	6			

BOOK A-479

4-679 b

INDEX DIAGRAM.

Township 28 S., Range 22 E.

425	6	464	5	4	3	2	1
	462		461				
424	7	459	8	9	10	11	12
	458		456				
423	18	454	17	427	16	15	14
	452		450	426			
422	19	449	20	441	21	22	23
	448		446	439			
420	20	445	29	438	28	433	27
	444		443	437		431	
419	31	442	32	434	33	429	34
	417		416	414		413	
	412		412	411		411	410

Date Diagram.

6-17	6	6-20	5	
	6-20		6-20	
6-17	7	6-19	8	
	6-18		6-18	
6-16	18	6-17	17	6-18 16
	6-17		6-17	6-8
6-16	19	6-16	20	6-8 21
	6-16		6-15	6-15
6-13	30	6-15	29	6-13 28 6-14 27
	6-14		6-14	6-14 6-14
6-13	31	6-13	32	6-13 33 6-14 34
	6-12		6-12	6-12 6-6

All lines ruled in black were surveyed by Chas. F. Moore,
U.S. Surveyor.

All lines ruled in red were surveyed by Willis W. Bandy,
U.S. Surveyor.

Survey made in the year 1924.

Survey commenced June 6, 1924, and executed with Buff and Buff light mountain transit No. 9220, used by Chas. F. Moore, U.S. Surveyor, and Young and Sons light mountain transit No. 8544, used by Willis W. Bandy, U.S. Surveyor.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys, for district No. conditional upon satisfactory field tests in assignment instructions dated May 15, 1924.

The instruments were equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

We examine the instruments and correct all errors found, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian established by observations made on Polaris, we proceed as follows

June 6, 1924: At our camp, located near the cor. of Ts. 27 and 28 S., Rs. 22 and 23 E., in approximate latitude $38^{\circ}25'$ N., longitude $109^{\circ}28'$ W.; at 2h 39m a.m. local mean time, with instrument No. 9220, we observe Polaris at eastern elongation, making four observations two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a stake, driven firmly in the ground, 10 chains N.

Azimuth of Polaris at eastern elongation = $1^{\circ}24'30''$ W.

We lay off the azimuth of Polaris, $1^{\circ}24'30''$ to the W., and mark the meridian thus determined by a tack in a stake, driven firmly in the ground, 10 chains N.

At 9h 30m a.m. apparent time, with both instruments in the meridian, we set off $38^{\circ}25'$ N., on the latitude arcs; $22^{\circ}41'$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At apparent noon, with instrument No. 9220 in the meridian, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope, and observing simultaneously, the altitude of the sun's upper limb, and the transit of the sun's east limb.

Mean observed altitude=	$74^{\circ} 16' 30''$
Reduced latitude=	$38^{\circ} 25' \text{ N.}$
Mean watch time of observation=	11h 59m 30.1s
Watch fast of local mean time=	0h 1m 3s

At apparent noon, with the instruments in the meridian, and the latitude arcs unchanged, we find the readings of the declination arcs to be $22^{\circ}42'$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $22^{\circ}42'$ N., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within $1'$ of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations made on Polaris.

Near the completion of the survey of this township, we make a final test of the instruments as follows.

Chains

June 19, 1924: With the instruments in the meridian established by observations made on Polaris on June 6, 1924, as heretofore described; at 9h 30m a.m. apparent time, we set off $38^{\circ}25'$ N., on the latitude arcs; $23^{\circ}26'30''$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be $23^{\circ}26'30''$ N., which agrees with the computed declination of the sun.

At 3h, 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $23^{\circ}26'30''$ N., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instrument are still in satisfactory adjustment.

Measurements.

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Method and Order of Procedure.

The north and south boundaries and the east portion of the subdivision of this township, have been previously surveyed. As some of the cōrs. on the south boundary

Method and Order of Procedure.

were found to be missing, and a resurvey of this boundary west of the corner of Secs. 3 and 3 T. 28 S. R. 22 E. was made, and $\frac{1}{4}$ section corners and section corners set at intervals of 40.00 chs. for T. 28 S. R. 22 E.

The west boundary of the township was run to the north from the cor. of Ts. 28 and 29 S., Rs. 21 and 22 E. to an intersection with the corner of Ts. 27 and 28 S. Rs. 21 and 22 E., the course being N. $0^{\circ} 10'$ W. and the distance 484.74 chs., and the fraction distance placed in the north half-mile.

The lines between Secs. 4 and 5, 8 and 9, 9 and 16, 15 and 16, 21 and 22, 22 and 27, 26 and 27, and 24 and 35 form the west and south boundaries of the surveyed portion of the subdivision. A portion of the lines between Secs. 5 and 8, 9 and 17, 13 and 17, 13 and 21, and 27 and 34 has also been surveyed; but in accordance with the special instructions issued for the survey of this township, all these lines, except the one between Secs. 16 and 21 were ignored. All corners found on these lines were destroyed except the $\frac{1}{4}$ sec. cor. of secs. 13 and 21 and the $\frac{1}{4}$ sec. cor. of secs. 5 and 8.

The west boundary and the west half of the S. bdy. of Sec. 16 were established by a line run south from the cor. of secs. 8, 9, 16, and 17, to an intersection with a line run west from the $\frac{1}{4}$ sec. cor. of secs. 13 and 21. The corner of Secs. 16, 17, 20 and 21 was set at the intersection of these two lines.

The line between Secs. 27 and 28, and 33 and 34 was run to the N. from the corner of Secs. 33 and 34 on the S. bdy. of the township to an intersection with the corner of Secs. 21, 22, 27 and 28. The fractional distance of these two miles was placed in the north mile and the $\frac{1}{4}$ sec. corner of Secs. 27 and 28 was set at a point midway between the corners of Secs. 21, 22, 27 and 28 and

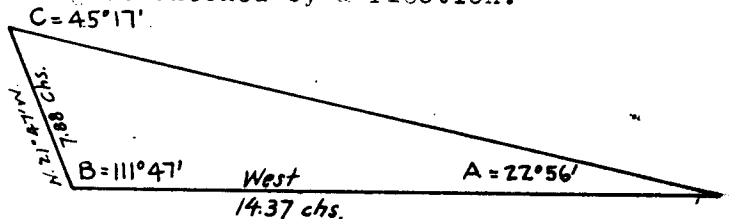
Method and Order of Procedure.

Secs.27, 28, 33, and 34.

The lines between Secs.20 and 21, 28 and 29, 32 and 33 were run to the north from the corner of Secs.32 and 33 on the south boundary of the township to an intersection with the corner of Secs.13,17, 20 and 21. The remainder of the township was subdivided from the east to the west and the fractional distances placed against the north and west boundaries.

Retracement of the South Boundary of T. 28 S., R. 22 E.

- From the corner of Secs.2 and 3 T. 29 S., R. 22 E. which is an iron post, firmly set, with brass cap;marked and witnessed as described by the surveyor general, West, on retracement line along the N. bdy.of Sec.2,
- 2.02 Intersect the corner of Secs.34 and 35 T. 28 S., R. 22 E. which is hereinafter described.
- 29.99 Top of the E.breaks of Hatch Wash, over which I am unable to chain, I therefore determine the distance by triangulation as follows: Erect flag "A" at this point and flag "B" on line west. From flag "B" measure base line "BC" N. $21^{\circ} 47'$ W. 7.88 chs. dist., from which point flags "AB" subtend an angle of $45^{\circ} 17'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line	29.99 chs.
Distance by triangulation	14.37 "
	<hr/>
	44.33 chs.
Distance by return measurement,	7.36 "
	<hr/>
	37.00 chs.

Retracement of The South Boundary of T. 28 S., R. 22 E.

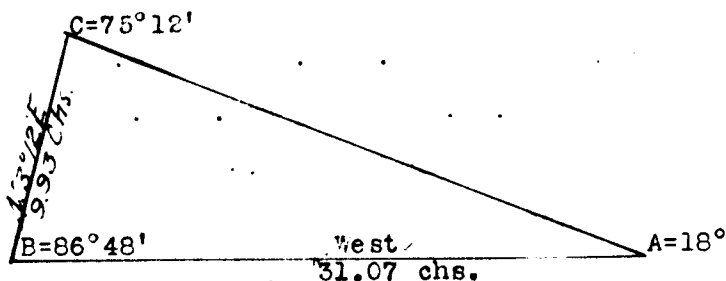
Chains

40.00 Fall 6 lks. N. of the $\frac{1}{2}$ sec. cor. secs. 3 and 34, which is hereinafter described.

The course of this $\frac{1}{2}$ mile therefore is, S. $89^{\circ}55'$ W., and the distance is 40.00 chs.

Offset to the $\frac{1}{2}$ sec. cor. and continue west with continuous measurement.

44.56 To point "B" of triangulation. As the perpendicular west wall of Hatch Wash, makes chaining to the west of this point impossible, I determine the distance by triangulation as follows. Erect flag "B" on line W. and from flag "B", measure base line, "BC", N. $3^{\circ}12'$ E., 9.93 chs. dist., from which point, flag "B" and flag "A" of the previous triangulation left at the 29.99 chs. point, subtends an angle of $75^{\circ}12'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	29.99 chs.
Distance by triangulation =	31.07 chs.
	<u>61.06 chs.</u>
Distance by return measurement =	9.06 chs.
	<u>52.00 chs.</u>

61.06 To point "B" of triangulation.

80.00 Find no trace of the cor. of secs. 3, 4, 33 and 34.

Left temp. point and continue W. with continuous measurement.

120.00 Fall 12 lks. N. of the $\frac{1}{2}$ sec. cor. secs. 4 and 33, which is hereinafter described. The course of the line bet. the $\frac{1}{2}$ sec. cor. of secs. 3 and 34 and the $\frac{1}{2}$ sec. cor. of secs. 4 and 33, therefore is S. $89^{\circ}55'$ W., and the proportionate distance for each half mile is 40.00 chs. Offset to the $\frac{1}{2}$ sec. cor., and continue west with continuous measurement.

Retracement of The South Boundary of T^s 28 S., R. 22 E.

Chains

160.34 Fall 8 lks. N. of the cor. of secs. 4, 5, 32 and 33,
which is hereinafter described.

The course of this half mile therefore is, S. 89°53' W.,
and the distance is 40.34 chs.

West, along the N. bdy. of sec. 5.

40.19 Fall 5 lks. S. of the $\frac{1}{2}$ sec. cor. secs. 5 and 32, which is
hereinafter described.

The course of this half mile therefore is, N. 89°56' W.,
and the distance is 40.19 chs.

Offset to the $\frac{1}{2}$ sec. cor., and continue west with
continuous measurement.

20.16 Fall 8 lks. S. of the cor. of secs. 5, 6, 31 and 32,
which is hereinafter described.

The course of this half mile therefore is, N. 89°53' W.,
and the distance is 40.07 chs.

West, along the N. bdy. of sec. 6.

40.04 Fall 4 lks. N. of the $\frac{1}{2}$ sec. cor. secs. 6 and 31, which
is hereinafter described.

The course of this half mile therefore is S. 89°57' W.,
and the distance is 40.04 chs.

Offset to the $\frac{1}{2}$ sec. cor., and continue west with
continuous measurement.

72.01 Intersect the cor. of Ts. 28 and 29 S., Rs. 21 and 22 E.,
which is hereinafter described.

The course of this half mile therefore is, West, and the
distance is 38.97 chs.

Resurvey of The South Boundary of T. 28 S., R. 22 E.

Chains

From the cor. of secs. 2 and 3, T. 29 S., R. 22 E., which is heretofore described.

S. $89^{\circ}55'$ W., on resurvey line along the N. bdy. of sec. 3.

Over broken sandstone surfacerock through scattering timber and undergrowth.

2:09 The cor. of secs. 34 and 35, which is an iron post, 2 ins. diam., firmly set, with brass cap marked and witnessed as described by the surveyor general.

29.99 To point "A" of triangulation at top of E. breaks of Hatch Wash, bears NW. and SE. Thence by triangulation.

37.00 Bottom of Hatch Wash, 600 ft. below top of E. breaks, drains NW. Thence by direct measurement; ascent over broken W. breaks of wash.

40.00 The $\frac{1}{2}$ sec. cor. of secs. 3 and 34, which is a sandstone, boulder, 10 x 8 x 6 ft., marked and witnessed as described by the surveyor general.

I destroy the accessories to cor. which is a mound of stone to the N. and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, to the S. of boulder.

42.09 Westing of 40.00 chs. from the cor. of secs. 34 and 35. On broken NE. slope, 40 ft. above bottom of wash. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 34 only, with brass cap marked.

$\frac{1}{2}$ S34

1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

No other suitable accessories available and soil too loose for pits.

44.36 To point "B" of triangulation; thence by triangulation to top of inaccessible W. breaks of Hatch Wash.

52.00 Top of W. breaks of Hatch Wash, 550 ft. above the $\frac{1}{2}$ sec. cor. sec. 34, bears NW. and SE. Thence by direct

Resurvey of the South Boundary of T. 28 S., R. 22 E.

Chains

measurement over broken surfacerock.

61.06 To point "B" of triangulation at top of sandstone spur,
40 ft. high, projects N.

80.00 Proportionate measurement; on sandstone surfacerock,
mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for the reestablished cor. of secs.
3 and 4, T. 29 S., R. 22 E., with brass cap marked.

T28S R22E
S34

T29S	R22E
S4	S3

1924

From which,

A cedar, 6 ins. diam., bears S. 39°30' E., 23 lks.
dist., marked T29S R22E S3 BT.

A cedar, 6 ins. diam., bears S. 49°15' W., 43 lks.
dist., marked T29S R22E S4 BT.

Land, broken by sandstone ledges with a general north-
easterly and southwesterly exposure and a northwesterly
drainage.

Soil, shallow sandy loam in the depressions of the
surfacerock; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 89°55' W.,
along the N. bdy. of sec. 4.

Over broken land through scattering timber and under-
growth.

2.09 Westing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. sec. 34.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 33 and 34, T. 28 S., R.
22 E., with brass cap marked.

T28S	R22E
S33	S34

T29S R22E
S4
1924

Resurvey of the South Boundary of T. 28 S., R. 22 E.

Chains

From which,

A cedar, 6 ins. diam., bears N. $61^{\circ}30'$ E., 75 lks.

dist., marked T28S R22E S34 BT.

A cedar, 6 ins. diam., bears N. $32^{\circ}30'$ W., 100 lks.

dist., marked T28S R22E S33 BT.

8.00 Bottom of ravine, 150 ft. deep, drains NE.

26.00 Spur, 60 ft. high, projects N.

33.00 Ravine, 60 ft. deep, drains NE.

40.00 The $\frac{1}{4}$ sec. cor. originally for secs. 4 and 33, which is a sandstone, 10 x 6 x 4 ins., above ground, firmly set, marked and witnessed as described by the surveyor general.

I destroy all marks and accessories that pertain to sec. 33.

Thence, S. $89^{\circ}53'$ W., with continuous measurement.

42.09 Westing of 40.00 chs. from the cor. of secs. 33 and 34.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor. sec. 33 only, with brass cap marked.

$\frac{1}{4}$ S33

1924

From which,

A pinon, 10 ins. diam., bears N. $70^{\circ}15'$ E., 112 lks.

dist., marked $\frac{1}{4}$ S33 BT.

A pinon, 12 ins. diam., bears N. $16^{\circ}15'$ W., 85 lks.

dist., marked $\frac{1}{4}$ S33 BT.

68.00 Base of abrupt ascent over broken NE. slope of spur, bears NW. and SE.

73.70 Top of spur, 200 ft. above base, projects SE.; descend broken abrupt SW. slope of spur.

78.50 Base of descent from spur, 200 ft. below top, bears NW. and SE.; thence over broken surfacerock.

80.34 The cor. originally for secs. 4, 5, 32 and 33, which is a sandstone, 17 x 7 x 7 ins., above ground, firmly set, marked and witnessed as described by the surveyor

Resurvey of the South Boundary of T. 28 S., R. 22 E.

Chains

general. I destroy all accessories to cor. that pertain to secs. 32 and 33, T. 28 S., R. 22 E.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 89°56' W., along the N. bdy. of sec. 5.

Over broken land through scattering undergrowth and timber.

1.75 Westing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. of sec. 33.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 32 and 33, T. 28 S., R. 22 E. only, with brass cap marked.

T28S	R22E
S32	S33

T29S R22E
S5

1924.

From which,

A pinon, 8 ins. diam., bears N. 1°45' E., 106 lks. dist., marked T28S R22E S33 BT.

A pinon, 6 ins. diam., bears N. 60°15' W., 37 lks. dist., marked T28S R22E S33 BT.

6.00 Spun, 40 ft. high, projects NE.

29.70 Ravine, 100 ft. deep, drains NE.

79.00 Spur, 40 ft. high, projects N. 80° W.

40.19 The $\frac{1}{4}$ sec. cor. originally for secs. 5 and 32, which is a sandstone, 7 x 7 x 4 ins., above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the accessories to cor. that pertain to sec. 32.

Resurvey of The South Boundary of T. 28 S., R. 22 E.

Chains

Thence, N. $89^{\circ}53'$ W., with continuous measurement.

- /41.75 Westing of 40.00 chs. from the cor. of secs. 32 and 33.
On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor. sec. 32 only, with brass cap marked.

$\frac{1}{2}$ S32

1924

From which,

A pinon, 10 ins. diam., bears N. 89° W., 26 lks. dist., marked $\frac{1}{2}$ S32 BT.

A cedar, 8 ins. diam., bears N. 5° W., 28 lks. dist., marked $\frac{1}{2}$ S32 BT.

No suitable bearing tree to the NE. available.

- 42.00 Draw, 30 ft. deep, drains NE.
63.00 Spur, 40 ft. high, projects NE.
✓80.26 The cor. originally for secs. 5, 6, 31 and 32, which is a cedar, post, 24 ins. above ground and 4 ins. square, marked and witnessed as described by the surveyor general. I destroy all marks on post and accessories that pertain to sec. 31 and 32, T. 28 S., R. 22 E.
Land, broken with a general northeasterly exposure and drainage.
Soil, shallow sandy loam; 3rd rate.
Undergrowth, scattering blackbrush.
Timber, scattering scrub cedar and pinon.
Fair grazing.

S. $89^{\circ}57'$ W., along the N. bdy. of sec. 6.

Over broken land through scattering undergrowth and timber.

- /1.49 Westing of 40.00 chs. from the sec. cor. sec. 32.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 31 and 32, T. 28 S., R. 22 E., only, with brass cap marked.

Resurvey of The North Boundary of T. 28 S., R. 22 E.

Chains

T28S R22E
S31 S32

T29S R22E
S6

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

20.00 Base of gradual ascent over broken E. slope of ridge, bears N. and S.

40.04 The $\frac{1}{4}$ sec. cor. secs. 6 and 31, which is a cedar post, 3 ft. above ground and 4 ins. square, firmly set, marked and witnessed as described by the surveyor general. As the post is badly decayed, I restore cor. as follows.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside the original cor., for $\frac{1}{4}$ sec. cor. sec. 6 only, with brass cap marked.

$\frac{1}{4}$ S6

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Thence, West, with continuous measurement.

41.49 Westing of 40.00 chs. from the cor. of secs. 31 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 31 only, with brass cap marked.

$\frac{1}{4}$ S31

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Resurvey of The South Boundary of T. 28 S., R. 22 E.

Chains

- 65.50 Top of bend in ridge, 150 ft. high, bears N. and SW.;
descend gradual west slope of ridge.
- 79.01 The cor. of Ts. 28 and 29 S., Rs. ~~21~~ and 22 E., which
is a sandstone, 18 x 12 x 7 ins., above ground, firmly
set, marked and witnessed as described by the surveyor
general.
- Land, broken by sandstone outcroppings with a general
northeasterly exposure and drainage.
- Soil, shallow sandy loam; 3rd. rate.
- Undergrowth, scattering blackbrush.
- Timber, scattering scrub cedar and pinon.
- Fair grazing.

Survey of The West Boundary of T. 28 S., R. 22 E.

- From the cor. of Ts. 28 and 29 S., Rs. 21 and 22 E.;
- North, on random line along the W. bdy. of the township,
setting temporary $\frac{1}{4}$ sec. and sec. cors. at intervals of
40.00 chs. and at:
- 484.74 Intersect the north boundary of the township, 141 lks.
E. of the true point for cor. of Ts. 27 and 28 S.,
Rs. 21 and 22 E., which is West, 2.47 chs. dist. from
the witness cor. to said townships.
- Thence,
- From the cor. of Ts. 28 and 29 S., Rs. 21 and 22 E.
N. $0^{\circ}10'$ W., on true line bet. secs. 31 and 36, along
the W. bdy. of the township.
- Over broken bench land through scattering timber and
undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- $\frac{1}{4}$
 S36 | S31
 1924
- Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
marked with a cross (X).

Survey of The West Boundary of T. 28 S., R. 22 E.

Chains

British

No other suitable accessories available and soil too loose for pits.

49.70 Top of gradual descent over broken NW. slope, bears NE. and SW.

66.00 Wash, 10 lks. wide; 4 ft. deep, drains NE.

80.00 On broken NW. slope, 90 ft. below the top of descent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T28S	
R21E	R22E
S25	S30
S36	S31

1924

From which,

A pinon, 12 ins. diam., bears N. 40° E., 36 lks. dist., marked T28S R22E S30 BT.

A pinon, 8 ins. diam., bears S. 51°30' E., 63 lks. dist., marked T28S R22E S31 BT.

A pinon, 14 ins. diam., bears S. 24°15' W., 103 lks. dist., marked T28S R21E S36 BT.

A pinon, 6 ins. diam., bears N. 70° W., 51 lks. dist., marked T28S R21E S25 BT.

Land, broken with general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°10' W., bet. secs. 25 and 30.

Over broken land through scattering undergrowth and timber.

8.40 Wash, 20 lks. wide, 6 ft. deep, drains NE.

16.70 Top of small knoll, 20 ft. high.

Survey of The West Boundary of T. 28 S., R. 22 E.

Chains

40.00 On broken NW. slope, 170 ft. below sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

$\frac{1}{4}$
 S25 | S30
 1924

From which,

A pinon, 6 ins. diam., bears N. $31^{\circ}30'$ E., 68 lks.
dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 14 ins. diam., bears S. $46^{\circ}15'$ W., 51 lks.
dist., marked $\frac{1}{4}$ S25 BT.

62.00 Wash, 30 lks. wide, 5 ft. deep, in bottom of gulch, 120 ft. deep, drains E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.

T28S
 R21E | R22E
 S24 | S19

 S25 | S30
 1924

From which,

A cedar, 4 ins. diam., bears N. 62° E., 238 lks.
dist., marked T28S R22E S19 BT.

A cedar, 6 ins. diam., bears S. $61^{\circ}30'$ E., 86 lks.
dist., marked T28S R22E S30 BT.

A cedar, 6 ins. diam., bears N. 15° W., 315 lks.
dist., marked T28S R21E S24 BT.

No other suitable accessories available and soil too loose for pits.

Land, broken with general northeasterly exposure and drainage..

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

or grazing.

Survey of The West Boundary of T. 28 S., R. 22 E.

Chains

N. $0^{\circ}10'$ W., bet. secs. 19 and 24. 00.00

Over rolling bench land through scattering undergrowth and timber.

21.80 The top of S. rim of gulch, bears NE. and SW.

34.00 Bottom of gulch, 260 ft. deep, drains NE.

36.00 The top of N. rim of gulch, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ -sec. cor., with brass cap marked.

S24 | S19

1924

From which,

A pinon, 14 ins. diam., bears N. $75^{\circ}30'$ E., 105 lks. dist., marked $\frac{1}{4}$ S19 BT.

A cedar, 8 ins. diam., bears N. $88^{\circ}30'$ W., 174 lks. dist., marked $\frac{1}{4}$ S24 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T28S
R21E | R22E
S13 | S18

S24 | S19

1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Land, rolling tops of benches with a general northeasterly exposure and drainage.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattering mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Survey of The West Boundary of T. 28 S., R. 22 E.

Chains

N. 0°10' W., bet. secs. 13 and 18.

Over broken bench land through scattering undergrowth and timber.

20.00 Begin gradual ascent over broken E. slope of ridge, bears E. and W.; ridge bears N. and S.

40.00 Point for the $\frac{1}{4}$ sec. cor. falls on steep E. slope of ledges where it is impossible to reach the cor. point, therefore, at a point, 94 lks. E. of the true point for the $\frac{1}{4}$ sec. cor., on sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 13 and 18, with brass cap marked.

$\frac{1}{4}$
WC S13 | S18
1924

No suitable accessories available.

69.00 Top of gradual ascent over E. slope of ridge, 80 ft. above base of ascent, bears NW. and SE. Descend.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for the cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T28S
R21E | R22E
S12 | S7

S13 | S18
1924

From which,

A pinon, 10 ins. diam., bears N. 29°30' E., 90 lks. dist., marked T28S R22E S7 BT.

A pinon, 10 ins. diam., bears S. 45° E., 52 lks. dist., marked T28S R22E S18 BT.

A cedar, 5 ins. diam., bears S. 65°30' W., 57 lks. dist., marked T28S R21E S13 BT.

A cedar, 8 ins. diam., bears N. 40° W., 75 lks. dist., marked T28S R21E S12 BT.

Survey of The West Boundary of T. 28 S., R. 22 E.

Chains

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $0^{\circ}10'$ W., bet. secs. 7 and 12.

Over rolling bench land through scattering undergrowth and timber.

11.40 The E. rim of gulch, bears E. and W.

14.00 Bottom of gulch, 100 ft. deep, drains NE.

16.60 The N. rim of gulch, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

$\frac{1}{2}$
S12 | S7
1924

From which,

A pinon, 6 ins. diam., bears N. $69^{\circ}30'$ E., 6 lks. dist., marked $\frac{1}{2}$ S7 BT.

A pinon, 10 ins. diam., bears S. 26° W., 109 lks. dist., marked $\frac{1}{2}$ S12 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

T28S
R21E | R22E
S1 | S6
S12 | S7
1924

From which,

A pinon, 10 ins. diam., bears N. $50^{\circ}15'$ E., 135 lks. dist.; marked T28S R22E S6 BT.

Survey of the West Boundary of T. 28 S., R. 32 E.

Chains.

A pinon 10 ins.diam., bears S. 64° 15' E. 100
lks.dist. marked T28S R22 E S7 BT.

A cedar 5 ins.diam., bears S. 71° 30' W. 31 lks.
dist. marked T28S R21E S12 BT

A pinon 8 ins.diam., bears W. 22° 30' W. 171 lks.
dist., marked T28S R31E S1 BT

Land, rolling tops of benches with a general northeast-
erly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3d rate.

Undergrowth, scattering black brush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0° 10' W. bet. secs.1 and 3,

Over broken land; through scattering timber and under-
growth.

29.00 Draw, 30 ft. deep, drains NE.

40.00 Set an iron post 3 ft.long, 1 in.diam., 27 ins.in the
ground for $\frac{1}{4}$ sec.cor., with brass cap marked

$\frac{1}{4}$
 S 1 | S 3
 1924

Deposit a sandstone 3 x 3 x 4 ins.at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
loose for pits.

79.90 Rocky spur, projects E. 5.00 chs. dist. 50 ft.high.

84.74 The true point for the cor.of Ts. 27 and 28 S., Rs. 21
and 23 E., which is West 2.47 chs.dist. from the wit-
ness corner to said townships. Witness corner is an
iron post 3 ins.in diam., set in mound of stones,
marked and witnessed as described by the surveyor gen-
eral.

Land, broken,with a general northeasterly exposure and

Survey of the West Boundary of T. 28 S. R. 22 E.

Chains. drainage.

Soil, shallow sandy loam mixed with loose sandstone
3d rate.

Undergrowth, scattering sagebrush and mountain rush.

Timber, scattering scrub cedar and pinon. Fair grazing.

Subdivision of T.28 S.R.22 E.

In order to complete the survey of the west and south boundaries of Sec.16 I proceed as follows:

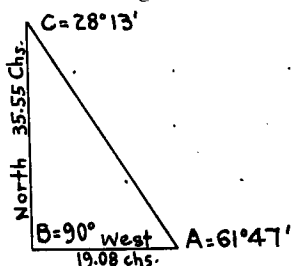
From the $\frac{1}{4}$ sec.cor.of Secs.16 and 21, which is an iron post 1 in.diam., extending 12 ins.above ground, firmly set, properly marked and witnessed,

West between Secs.16 and 21,

Over broken land; through scattering undergrowth.

11.15 Record course and distance; find no trace of the witness point for Secs.16 and 21.

13.07 The top of E.rim of Hatch Wash, bears N. and S. As the inaccessible E.breaks of wash make it impossible to chain west from this point, I determine the distance by triangulation as follows: Erect flag "A" at this point, and flag "B" on line W. From flag "B" measure base line "BC" North 35.55 chs.dist., from which point flags "A" and "B" subtend an angle of $28^{\circ} 13'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line
Distance by triangulation

Distance by return measurement,

12.07 chs.
19.08 "
<hr/> 31.15 chs.
1.15
<hr/> 30.00 chs.

Subdivision of T. 28 S., R. 22 E.

Chains

- 30.00 Bottom of Hatch Wash, 600 ft. below top of E. rim, drains NW.; ascend abruptly over broken W. breaks of wash.
- 31.15 To point "B" of triangulation.
- 38.81 To base of impassable ledge, bears N. and S. Set temp. witness cor. to the cor. of secs. 16, 17, 20 and 21, which is 1.23 chs. E. of the true cor. point. The witness cor. to the cor. of secs. 16, 17, 20 and 21, set at this point as described on the survey of the line bet. secs. 16 and 17.
- Land, broken breaks of Hatch Wash, with a general north-westerly exposure and drainage.
- Soil, shallow rocky sandy loam; 3rd rate.
- Undergrowth, scattering sage and black brush.
- No timber.
- Poor grazing.

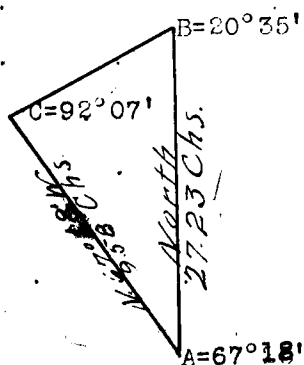
From the point left for the witness cor. to the cor. of secs. 16, 17, 20 and 21.

North, on offset random line bet. secs. 16 and 17.

35.55 West, 1.19 chs. to true random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

The inaccessible E. breaks of Hatch Wash make chaining to the N. of this point impossible, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point, and flag "B" on line N. From flag "A", measure base line "AC", N. $67^{\circ}18'$ W., 9.58 chs. dist., from which point, flags "AB" subtend an angle of $92^{\circ}07'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Subdivision of T. 28 S., R. 22 E.

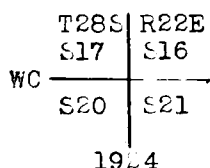
Chains

	Distance on line=	40.00 chs.
	Distance by triangulation=	27.23 chs.
		<u>67.23 chs.</u>
	Distance by return measurement to W.P.	.46 chs.
67.23	To point "B" of triangulation.	<u>66.77 chs.</u>
80.08	Intersect the N. bdy. of sec. 16, 4 lks. E. of the cor. of secs. 8, 9, 16 and 17, which is an iron post, 2 ins. diam., firmly set, with brass cap properly marked and witnessed.	
	Thence, from the cor. of secs. 8, 9, 16 and 17. South, on true line bet. secs. 16 and 17.	
	Over broken land through scattering undergrowth and timber	
12.85	To point "C" of triangulation at top of E. breaks of Hatch Wash, bears NW. and SE.;	
13.31	Intersect the witness point to secs. 16 and 17, which is an iron post, firmly set, properly marked and witnessed	
	I destroy post and all accessories. Thence by triangulation	
40.04	On broken SW. slope, near bottom of Hatch Wash.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.	
	$\frac{1}{4}$ S17 | S16 1924	
	From which,	
	A cottonwood, 22 ins. diam., bears S. 7°30' E., 331 lks. dist., marked $\frac{1}{4}$ S16 BT.	
	A cottonwood, 20 ins. diam., bears N. 63°30' W., 138 lks. dist., marked $\frac{1}{4}$ S17 BT.	
40.08	To point "A" of triangulation.	
44.53	To point of offset in bottom of Hatch Wash, 670 ft. below top of E. breaks, drains NW. Thence by offset to avoid inaccessible W. breaks of wash.	
	East, 1.23 chs.	
	South, 35.55 chs. to:	
80.08	Point on S. bdy. of sec. 16.	
	As it is impossible to chain W. to the true point for the cor. of secs. 16, 17, 20 and 21, on account of a high inaccessible ledge, therefore, at this point, which is 1.23 chs. E. of the true cor. point.	

Subdivision of T. 28 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. of secs. 16, 17, 20 and 21, with brass cap marked.



Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land; broken by breaks of Hatch Wash, with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon. Scattering cottonwood found along bottom of Hatch Wash.

Fair grazing.

From the cor. of secs. 33 and 34, on the S. bdy. of the township, which is heretofore described.

N. $0^{\circ}01'$ W., on random line bet. secs. 33 and 34, and 27 and 28, setting $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.

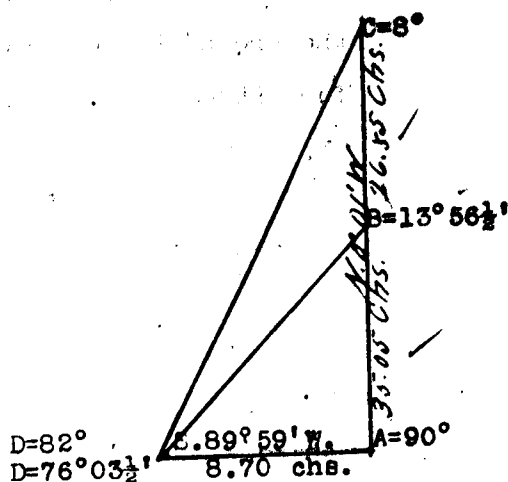
84.83 Left point for triangulation.

92.75 The top of W. rim of Hatch Wash, over which I am unable to chain, I therefore triangulate to bottom of E. rim of wash as follows. Return to the flag left at 84.83 chs. point, which I designate as "A", and erect flags "B" and "C" on line N. From flag "A", measure base line, S. $89^{\circ}59'$ W., 8.70 chs. dist., from which point, flags "A" and "B" subtend an angle of $76^{\circ}03\frac{1}{2}'$, and flags "A" and "C" subtend an angle of 82° . No longer base line could be obtained on account of the ledges. All bearings checked by direct reading

Subdivision of T. 28 S., R. 28 E.

Chains

of the solar and all angles checked by deflection.



Distance on line=	84.83 chs.
Distance by triangulation "A" to "B"=	35.05 chs.
	<u>119.88 chs.</u>
Distance by triangulation "B" to "C"=	26.85 chs.
	<u>146.73 chs.</u>

146.73 To point "C" of triangulation.

159.76 Intersect the S. bdy. of sec. 22, 79 lks. E. of the cor. of secs. 21, 22, 27 and 28, which is hereinafter described.

The course of the line bet. the cor. of secs. 33 and 34, and 21, 22, 27 and 28, therefore is, N. 0°18' W., and the distance is 159.76 chs.

Thence,

From the cor. of secs. 33 and 34,

N. 0°18' W., on true line bet. secs. 33 and 34.

Over broken bench land through scattering undergrowth and timber.

10.00 Bottom of draw, 30 ft. deep, drains NE.

14.00 Head of sandstone gulch, 50 ft. deep, drains E.; gulch boxes 7.00 chs. to the E. of line.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S33 | S34

1924

Subdivision of T. 28 S., R. 22 E.

Chains

From which,

A cedar, 4 ins. diam., bears N. $16^{\circ}45'$ E., 24 lks.
dist., marked $\frac{1}{4}$ S34 BT.

A cedar, 4 ins. diam., bears S. $15^{\circ}15'$ W., 44 lks.
dist., marked $\frac{1}{4}$ S33 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 27, 28, 33 and 34, with brass
cap marked.

T28S	R22E
S28	S27
S33	S34

1924

From which,

A cedar, 3 ins. diam., bears N. $33^{\circ}15'$ E., 216 lks.
dist., marked BT.

A cedar, 5 ins. diam., bears S. $80^{\circ}45'$ E., 27 lks.
dist., marked BT.

A cedar, 4 ins. diam., bears S. $1^{\circ}30'$ W., 72 lks.
dist., marked BT.

Trees too scrubby for other marks and no other
suitable accessories available. Soil too loose for pits.
Land, broken by outcroppings of sandstone, with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering sagebrush and mountain rush.

Timber, scattering scrub cedar and pinon.

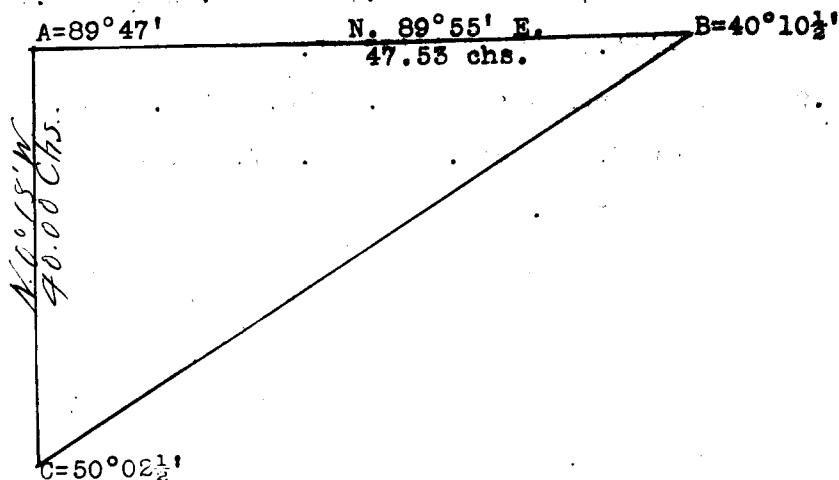
Fair grazing.

N. $89^{\circ}55'$ E., on random line bet. secs. 27 and 34.

20.00 The W. breaks of Hatch Wash make chaining to the E. of
this point impossible, I therefore determine the
distance by triangulation across wash
as follows. Designate the cor. of secs. 27, 28, 33
and 34, "A", and erect flag "B" on line to the E.
from flag "B" the $\frac{1}{4}$ sec. cor. secs. 33 and 34 which

Chains

I designate as "C" subtends an angle of $40^{\circ}10\frac{1}{2}'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation= 47.53 chs.

47.53 To point "B" of triangulation. As it is impossible to reach the true point for the $\frac{1}{4}$ sec. cor., at this point, set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

80.14 Intersect the N. and S. line, 49 lks. N. of the cor. of secs. 26, 27, 34 and 35, which is an iron post, 2 ins. diam, firmly set, properly marked and witnessed.

Thence,

N. $89^{\circ}44'$ W., on true line bet. secs. 27 and 34.

Over broken land through scattering undergrowth.

32.61 To point "B" of triangulation; fall 25 lks. N. of the original witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 27 and 34, which is an iron post, 1 in. diam., firmly set, properly marked and witnessed. I remove the post and destroy all accessories to the cor.

As the true point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34, will fall in the inaccessible E. breaks of Hatch Wash where it is impossible to reach the cor. point; at this point, at top of E. breaks of wash, bears NW. and SE., mark a cross (X) on the sandstone surfacerock, over which Set an iron post; 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 27 and 34; with brass cap marked.

Subdivision of T. 28 S., R. 22 E.

Chains

$$WC \frac{1}{4} \frac{S27}{S34}$$

1924

No suitable accessories available.

Thence by triangulation, giving approximate distances to topography.

40.07 Point for the $\frac{1}{4}$ sec. cor. falls in inaccessible E. breaks of Hatch Wash, no cor. set.

45.00 Bottom of Hatch Wash, 600 ft. below top of E. rim, drains NW.; ascend abruptly over broken W. breaks of wash.

60.14 Top of W. breaks of wash, 600 ft. above bottom, bears NW. and SE.; thence by direct measurement over broken bench land.

80.14 The cor. of secs. 27, 28, 33 and 34.

Land, broken E. and W. breaks of Hatch Wash, with a general northwesterly exposure and drainage.

Soil, rocky sandy loam; 3rd rate.

Undergrowth, scattering sagebrush and mountain rush.

No timber.

Fair grazing.

N. $0^{\circ}18'$ W., bet. secs. 27 and 28, on true line.

Over broken land through scattering undergrowth.

4.83 To point "A" of triangulation.

12.75 The top of W. breaks of Hatch Wash, bears NW. and SE.; thence by triangulation over broken breaks of wash.

39.85 To point "B" of triangulation, on broken NE. slope of

W. breaks of Hatch Wash, 580 ft. below top of W. rim.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{1}{4}$$

$$S28 \mid S27$$

1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

Chains

No other suitable accessories available.

Thence by triangulation, giving approximate distances to topography.

44.00 Bottom of Hatch Wash, 30 ft. below the $\frac{1}{4}$ sec. cor., drain NW.; ascend abruptly over broken inaccessible E. breaks of wash.

66.73 To top of E. breaks of Hatch Wash, 630 ft. above bottom, bears NW. and SE., also point "C" of triangulation; thence by direct measurement over broken bench land

79.76 The cor. of secs. 21, 22, 27 and 28, which is an iron post, 2 ins. diam., firmly set, with brass cap properly marked and witnessed.

Land, broken by breaks of Hatch Wash, with a general north westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering sage, and black brush and mountain rush.

No timber.

Fair grazing.

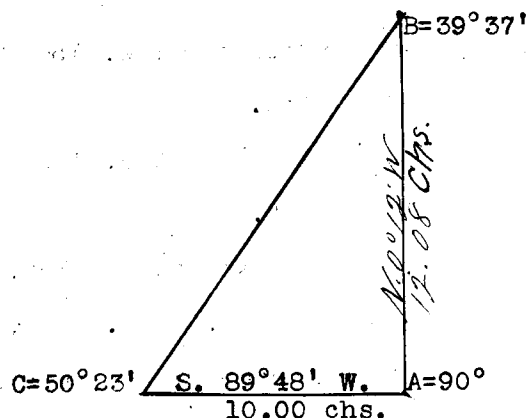
From the cor. of secs. 32 and 33, on the S. bdy. of the township, which ^{is} heretofore described.

N. $0^{\circ}12'$ W., on random line bet. secs. 32 and 33, setting temp. sec. and sec. cors. at intervals of 40.00 chs.

146.94 The top of the W. breaks of Hatch Wash, over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A" measure bearing line, "AC", S. $89^{\circ}48'$ W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of $50^{\circ}23'$. All bearings checked by direct reading of the solar and all angles checked by deflection.

Subdivision of T. 28 S., R. 22 E.

Chains



Distance on line=	146.94 chs.
Distance by triangulation=	12.08 chs.
	<u>159.02 chs.</u>

159.02 To point "B" of triangulation.

166.50 The breaks of Hatch Wash make chaining to the N. of this point, on line impossible, I therefore run on traverse line as follows.

✓ N. $13^{\circ} 15'$ W., 34.42 chs.

East, 3.57 chs. to

200.00 A point, West, 4.20 chs. dist. from random line. Impossible to reach random line at this point, therefore continue on traverse line as follows.

✓ N. $13^{\circ} 15'$ W., 14.98 chs.

N. 50° E., 25.00 chs.

North, 9.35 chs.

West, 10.22 chs. to

240.00 The witness cor. to the cor. of secs. 16, 17, 20 and 21, which is East, 1.23 chs. dist. from the true point for the cor. of said secs.

The course and distance of the line from the cor. of secs. 32 and 33 on the S. bdy. of the township and the true point for the cor. of secs. 16, 17, 20 and 21, therefore is N. $0^{\circ} 09'$ W., 240.00 chs. or a proportionate distance of 80.00 chs. per mile.

Thence,

From the cor. of secs. 32 and 33,

N. $0^{\circ} 09'$ W., on true line bet. secs. 32 and 33.

Over broken land through scattering timber and undergrowth.

Subdivision of T. 28 S., R. 22 E.

Chains

- 5.00 Top of sandstone butte, 150 ft. high, bears E., 6.00 chains dist.
- 18.20 Top of sandstone butte, 150 ft. high, bears E., 5.00 chains dist.
- 40.00 On S. rim of sandstone gulch, bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.
- $\frac{1}{2}$
 S32 | S33
 1924
- From which,
- A cedar, 10 ins. diam., bears S. $15^{\circ}15'$ E., 33 lks. dist., marked $\frac{1}{2}$ S33 BT.
- A pinon, 8 ins. diam., bears S. $70^{\circ}45'$ W., 41 lks. dist., marked $\frac{1}{2}$ S32 BT.
- Thence descend abruptly over broken NW. slope to bottom of gulch.
- 47.20 Bottom of gulch, 210 ft. below the $\frac{1}{2}$ sec. cor., drains NE.; ascend abruptly over broken N. breaks of gulch.
- 52.40 Top of N. breaks of gulch, 220 ft. above bottom, bears NE. and SW.
- 63.00 Spur, 40 ft. high, projects NE.
- 68.00 Top of S. breaks of gulch, bears E. and W.; thence descend abruptly over broken S. breaks of gulch.
- 70.00 Bottom of gulch, 100 ft. deep, drains E.
- 71.50 Top of N. breaks of gulch, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to bedrock and in a large mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T28S	R22E
S29	S28
S32	S33

1924

From which,

Subdivision of T. 28 S., R. 22 E.

Chains

A cedar, 5 ins. diam., bears N. 3° E., 44 lks.

dist., marked T28S R22E S28 BT.

A cedar, 4 ins. diam., bears S. $36^{\circ}30'$ E., 5 lks.

dist., marked T28S R22E S33 BT.

A pinon, 12 ins. diam., bears S. $22^{\circ}45'$ W., 33 lks.

dist., marked T28S R22E S32 BT.

A cedar, 4 ins. diam., bears N. $46^{\circ}45'$ W., 80 lks.

dist., marked T28S R22E S29 BT.

Land, broken by ledges and deep gulches with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}54'$ E., on random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence,

S. $89^{\circ}56'$ W., on true line bet. secs. 28 and 33.

Over broken land through scattering undergrowth and timber.

20.00 The top of rocky knoll, 80 ft. high, bears N., 15.00 chs. dist.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S28
 $\frac{1}{4}$
S33

1924

From which,

A cedar, 6 ins. diam., bears S. $36^{\circ}15'$ W., 17 lks.

dist., marked BT. Tree too scrubby for other marks.

A pinon, 8 ins. diam., bears N. 59° W., 55 lks.

dist., marked $\frac{1}{4}$ S28 BT.

Subdivision of T. 28 S., R. 22 E.

Chains

64.80 Bottom of sandstone gulch, 150 ft. deep, drains NE.

80.02 The cor. of secs. 28, 29, 32 and 33.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $0^{\circ}09'$ W., on true line bet. secs. 28 and 29.

Over broken land through scattering undergrowth and timber.

40.00 On top of spur, 80 ft. high, projects E.; on sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S29 | S28
 1924

From which,

A cedar, 4 ins. diam., bears S. $21^{\circ}45'$ E., 35 lks. dist., marked BT.

A cedar, 6 ins. diam., bears N. $31^{\circ}30'$ W., 60 lks. dist., marked BT.

Trees too scrubby for other markings.

66.94 To point "A" of triangulation at top of W. breaks of Hatch Wash, bears NW. and SE.; thence by triangulation of inaccessible breaks of wash.

79.02 To point "B" of triangulation.

80.00 On broken NE. slope of the W. breaks of Hatch Wash, 580 ft. below top:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

Subdivision of T. 28 S., R. 22 E.

Chains

T28S	R22E.
S20	S21
S29	S28

1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No other suitable accessories available.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, rocky sandy loam; 3rd rate.

Undergrowth, scattering black and sage brush.

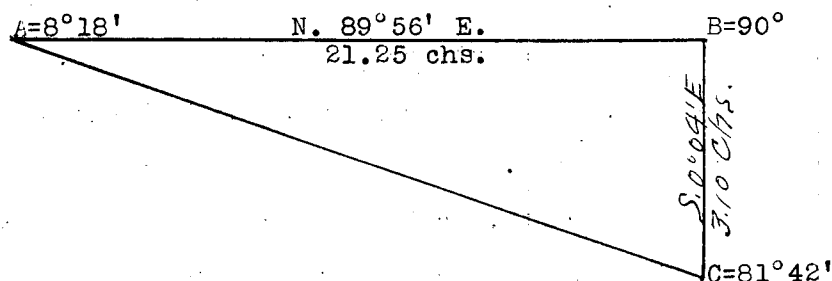
Timber, scattering scrub cedar and pinon.

fair grazing.

N. $89^{\circ}56'$ E., on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

57.44 Base of the inaccessible E. breaks of Hatch Wash over which I am unable to chain, I therefore determine the distance to top of breaks by triangulation as follows. erect flag "A" at this point and flag "B" on line to the E. at top of breaks. From flag "B", measure base line "BC", S. $0^{\circ}04'$ E., 3.10 chs. dist., from which point, flags "AB" subtend an angle of $81^{\circ}42'$. No longer base line could be obtained on account of the breaks of the E. rim of Hatch Wash. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=

Distance by triangulation=

57.44 chs.

21.25 chs.

78.69 chs.

78.69 To point "B" of triangulation.

Subdivision of T. 28 S., R. 22 E.

Chains

- 79.70 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 21, 22, 27 and 28, which is an iron post, heretofore described.
- Thence,
S. $89^{\circ}51'$ W., on true line bet. secs. 21 and 28.
Over broken land through scattering undergrowth and timber.
- 1.01 To point "B" of triangulation at top of E. breaks of Hatch Wash, bears NW, and SE.; thence by triangulation over inaccessible breaks of wash.
- 22.26 To point "A" of triangulation at bottom of Hatch Wash, 600 ft. below top of E. breaks drains NW.; ascend over broken W. breaks of wash.
- 39.85 On broken NE. slope, 230 ft. above bottom of wash.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- $$\begin{array}{r} S21 \\ \hline S28 \end{array}$$

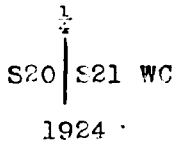
1924
- Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).
No other suitable accessories available.
- 50.00 Spur, 40 ft. high, projects N.
- 79.70 The cor. of secs. 20, 21, 28 and 29, 220 ft. above the $\frac{1}{4}$ sec. cor.
Land, broken by breaks of Hatch Wash with a general northwesterly exposure and drainage.
Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.
Undergrowth, scattering sage and black brush.
Timber, scattering scrub cedar and pinon.
Fair grazing.

Chains

N. $0^{\circ}09'$ W., on true line bet. secs. 20 and 21.
Over broken land through scattering undergrowth.

6.50 Bottom of Hatch Wash, 80 ft. below cor., drains N. 20° W.;
thence to avoid inaccessible E. breaks of Hatch Wash,
I run on traverse line along bottom of wash as follows.
N. $13^{\circ}15'$ W., 34.42 chs.
East, 3.57 chs. to:

40.00 Point 4.23 chs. W. of the true point for the $\frac{1}{2}$ sec. cor.
As the true point for the $\frac{1}{2}$ sec. cor. falls in the
inaccessible E. breaks of Hatch Wash, where it is
impossible to set cor., at this point:
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for witness cor. to the $\frac{1}{2}$ sec. cor. secs. 20
and 21, with brass cap marked.



1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.

Thence, from the witness cor. to the $\frac{1}{2}$ sec. cor., continue
on traverse line as follows.

N. $13^{\circ}15'$ W., 14.98 chs.
N. 50° E., 25.00 chs.
N. $0^{\circ}09'$ W., 9.35 chs.
West, 10.34 chs. Approximate topography:

64.00 Bottom of Hatch Wash draining NE.
80.00 The witness cor. to the cor. of secs. 16, 17, 20 and 21.
Land, broken with a general northerly exposure and drain-
age.
Soil, rocky sandy loam; 3rd rate.
Undergrowth, scattering sage and black brush.
Timber, a few scattering cottonwood along bottom of
Hatch Wash.
Fair grazing.

Subdivision of T. 28 S., R. 22 E.

Chains

From the cor. of secs. 31 and 32, on the S. bdy. of the township, which is heretofore described.

N. $0^{\circ}06'$ W., bet. secs. 31 and 32, parallel to the mean course of the line from corner. of secs. 32 and 33, on the S. bdy. of the township and the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the township.

Over broken bench land through scattering undergrowth and timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S31 | S32
 1924

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T28S	R22E
S30	S29
S31	S32

 1924

From which,

A cedar, 10 ins. diam., bears N. $42^{\circ}30'$ E., 101 lks. dist., marked T28S R22E S29 BT.

A cedar, 8 ins. diam., bears N. 59° W., 190 lks. dist., marked T28S R22E S30 BT.

No other suitable accessories available and soil too loose for pits.

Land, broken with a general easterly exposure and drainage.

Soil, shallow rocky loam; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 28 S., R. 22 E.

S. 89°55' E., on random line bet. secs. 29 and 32.

40.00 Set temp. sec. cor.

80.06 Intersect the N. and S. line, 9 lks. S. of the cor. of
secs. 28, 29, 32 and 33.

Thence,

N. 89°59' W., on true line bet. secs. 29 and 32.

Ascend gradually over broken land through scattering
undergrowth and timber.

40.03 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S29. \\ \frac{1}{4} \\ \hline S32 \\ 1924 \end{array}$$

From which,

A cedar, 6 ins. diam., bears N. 10° E., 15 lks.
dist., marked $\frac{1}{4}$ S29 BT.

A pinon, 8 ins. diam., bears South, 14 lks.
dist., marked $\frac{1}{4}$ S32 BT.

47.40 Spur, 40 ft. high, projects NE.; continue gradual
ascent.

60.00 Top of ascent, 420 ft. above sec. cor., bears N. and S.;
thence over broken bench land.

80.06 The cor. of secs. 29, 30, 31 and 32.

Land, broken with a general easterly exposure and drain-
age.

Soil, shallow rocky sandy loam; 3rd rate.

Undergrowth, scattering black and sage brush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

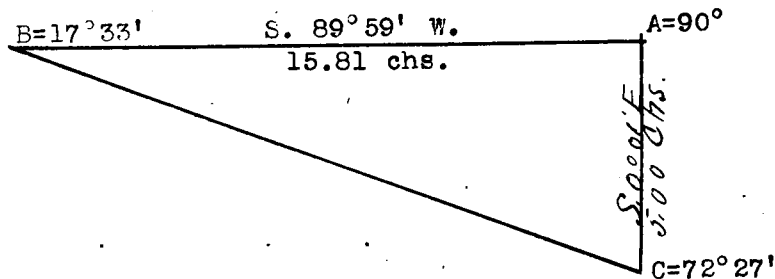
Subdivision of T. 28 S., R. 22 E.

Chains

S, $89^{\circ}59'$ W., on random line bet. secs. 30 and 31.

34.65 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

A cove in the N. breaks of mesa makes chaining to the W. of this point impossible, I therefore determine the distance to W. side of cove by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "A" measure base line, "AC", S. $0^{\circ}01'$ E., 5.00 chs. dist., from which point, flags "AB" subtend an angle of $72^{\circ}27'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=
Distance by triangulation=

34.65 chs.
15.81 chs. ✓

50.46 chs.

50.46 To point "B" of triangulation.

77.54 Intersect the W. bdy. of the township, 3 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is heretofore described.

Thence,

N. $89^{\circ}58'$ E., on true line bet. secs. 30 and 31.

Ascend abruptly over broken NW. rim of mesa through scattering undergrowth and timber.

5.00 Base of abrupt ascent over nearly inaccessible ledges, bears NE. and SW.

12.20 Top of mesa, 200 ft. above cor., bears NE. and SW.; thence over broken top of mesa.

27.08 To point "B" of triangulation, at top of W. rim of cove in mesa, bears NW. and SE.; thence by triangulation over inaccessible N. breaks of mesa.

37.54 Point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges where the true point for cor. cannot be reached.
no cor. set.

Subdivision of T. 28 S., R. 22 E.

Chains

42.89 To point "A" of triangulation at top of E. rim of mesa, bears NE. and SW.

On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 30 and 31, with brass cap marked.

$$\text{WC } \frac{1}{4} \frac{\text{S30}}{\text{S31}}$$

1924

From which,

A pinon, 6 ins. diam., bears S. 80° E., 30 lks. dist., marked WC $\frac{1}{4}$ S31 BT.

No other suitable accessories available.

thence by direct measurement over broken top of mesa.

77.54 The cor. of secs. 29, 30, 31 and 32.

Land, broken by ledges with a general northerly exposure and drainage.

Soil, shallow rocky sandy loam; 3rd rate.

Undergrowth, scattering sage and black brush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $0^{\circ}06'$ W., bet. secs. 29 and 30.

Over broken top of mesa through scattering undergrowth and timber.

12.70 Top of abrupt descent from top of mesa, bears NE. and SW.; thence over broken NW. slope of mesa.

40.00 On broken NW. slope, at base of abrupt descent, bears NE. and SW., 400 ft. below top of mesa.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{\text{S30}}{\text{S29}}$$

1924

From which,

Subdivision of T. 28 S., R. 22 E.

Chains

A pinon, 10 ins. diam., bears S. $15^{\circ}30'$ E., 250 lks.
dist., marked $\frac{1}{4}$ S29 BT.

A pinon, 10 ins. diam., bears S. $30^{\circ}30'$ W., 182 lks.
dist., marked $\frac{1}{4}$ S30 BT.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mo
of stone, for cor. of secs. 19, 20, 29 and 30, with
brass cap marked.

T28S	R22E /
S19	S20
S30	S29
1924	

From which,

A cedar, 6 ins. diam., bears N. $70^{\circ}30'$ E., 61 lks.
dist., marked T28S R22E S20 BT.

A cedar, 8 ins. diam., bears S. 19° E., 37 lks.
dist., marked T28S R22E S29 BT.

A cedar, 4 ins. diam., bears S. $53^{\circ}30'$ W., 86 lks.
dist., marked T28S R22E S30 BT.

A cedar, 4 ins. diam., bears N. $52^{\circ}30'$ W., 39 lks.
dist., marked T28S R22E S19 BT.

Land, broken by ledges with a general northwesterly
exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering black and sage brush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

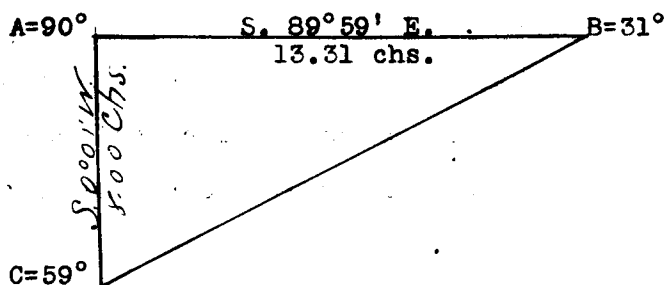
S. $89^{\circ}59'$ E., on random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

66.55 Top of W. breaks of mesa over which I am unable to chain
I therefore determine the distance by triangulation
as follows. Erect flag "A" at this point and flag
"B" at a point, 3 lks. S. of the cor. of secs. 20, 21,
28 and 29. From flag "A", measure base line "AC",

Chains

S. $0^{\circ}01'$ W., 8.00 chs. dist., from which point, flags "AB" subtend an angle of $59^{\circ}00'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	66.55 chs.
Distance by triangulation=	13.31 chs.
	<u>79.86 chs.</u>

79.86 To point "B" of triangulation; intersect the N. and S. line, 3 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence,

West, on true line, bet. secs. 20 and 29.

By triangulation, over abrupt broken NE. slope of mesa through scattering timber and undergrowth.

13.31 To point "A" of triangulation at top of W. breaks of Hatch Wash, 280 ft. above cor., bears NW. and SE.; thence by direct measurement over broken top of mesa.

28.60 Top of sandstone butte, 120 ft. high, bears S., 10.00 chs. dist.

39.93 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{\frac{1}{4} \text{ S20}}{\text{S29}}$$

1924

From which:

A cedar, 4 ins. diam., bears S. $25^{\circ}30'$ W., 22 lks. dist., marked $\frac{1}{4}$ S29 BT.

A cedar, 4 ins. diam., bears N. $37^{\circ}45'$ W., 45 lks. dist., marked $\frac{1}{4}$ S20 BT.

Subdivision of Township 21S, Range 22E.

Chains

- 41.00 Draw, 80 ft. deep, drains N. 00° 8' E. 10° 0' S.
- 54.00 The NE. point of spur, 80 ft. high, section "BA"
- 79.86 The cor. of secs. 19, 20, 29 and 30. described
- Land, broken with a general northeasterly exposure and drainage.
- Soil, shallow rocky sandy loam; 3rd rate.
- Undergrowth, scattering black and sage brush.
- Timber, scattering scrub cedar and pinon.
- Fair grazing.

S. 89° 58' W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

77.36 Intersect the W. bdy. of the township, 16 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is heretofore described.

Thence,

N. 89° 51' E., on true line bet. secs. 19 and 30.

Over broken land through scattering undergrowth and timber.

14.40 The W. rim of sandstone gulch, bears NE. and SW.

16.40 Bottom of gulch, 80 ft. deep, drains NE.

18.40 Top of E. rim of gulch, bears NE. and SW.

37.36 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S19

S30

1924

From which,

A pinon, 12 ins. diam., bears S. 61° 30' E., 48 lks.

dist., marked $\frac{1}{2}$ S30 BT.

A pinon, 8 ins. diam., bears N. 80° W., 16 lks.

dist., marked $\frac{1}{2}$ S19 BT.

51.20 Wash, 40 lks. wide, 6 ft. deep, drains NE.

56.60 Wash, 40 lks. wide, 6 ft. deep, drains N.

Subdivision of T. 28 S., R. 22 E.

Chains

- ✓77.36 The cor. of secs. 19, 20, 29 and 30.
Land, broken with a general northeasterly exposure and drainage.
Soil, shallow rocky sandy loam; 3rd rate.
Undergrowth, scattering blackbrush and mountain rush.
Timber, scattering scrub cedar and pinon.
Fair grazing.

N. $0^{\circ}06'$ W., bet. secs. 19 and 20.

Over broken top of mesa through scattering undergrowth and timber.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S19 | S20
 1924

From which,

A cedar, 12 ins. diam., bears N. 79° E., 121 lks. dist., marked $\frac{1}{4}$ S20 BT.

A cedar, 10 ins. diam., bears N. 21° W., 161 lks. dist., marked $\frac{1}{4}$ S19 BT.

- 64.42 Top of S. breaks of deep canyon, 180 ft. high, bears NE. and SW.

As it is impossible to chain to the N. of this point,

I run on offset line as follows.

East, 17.26 chs.

N. $0^{\circ}06'$ W., 15.58 chs. Erect flag at this point. As it is impossible to chain W. to true line from this point, on account of the inaccessible S. breaks of canyon;

I return to the 64.42 chs. point, and run N. $0^{\circ}06'$ W., on a transit line to a point W. of the flag left on offset line which is E. of the true cor. point.

Therefore at:

- 80.00 Point for the cor. of secs. 17, 18, 19 and 20, falls on steep N. slope of ledge where it is impossible to set cor.; thence by direct measurement.

Subdivision of T. 28 S., R. 22 E.

Chains

82.87 On steep N. slope, 320 ft. below top of S. rim of canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T28S	R22E
S18	S17
S19	S20
W C	
1924	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No other suitable accessories available.

Land, broken by ledges with a general northwesterly exposure and drainage.

Soil, shallow rocky loam; 3rd rate.

Undergrowth, scattering black and sage brush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, on random line bet. secs. 17 and 20, from the true point for the cor. of secs. 17, 18, 19 and 20. As it is impossible to chain or triangulate to the E. of this cor. point on account of not being able to obtain a base line, I commence at the flag left 17.26 chs. E. of cor. point which is mentioned on line bet. secs. 19 and 20; thence East, on random line bet. secs. 17 and 20, counting distance from the true point for cor. of secs. 17, 18, 19 and 20.

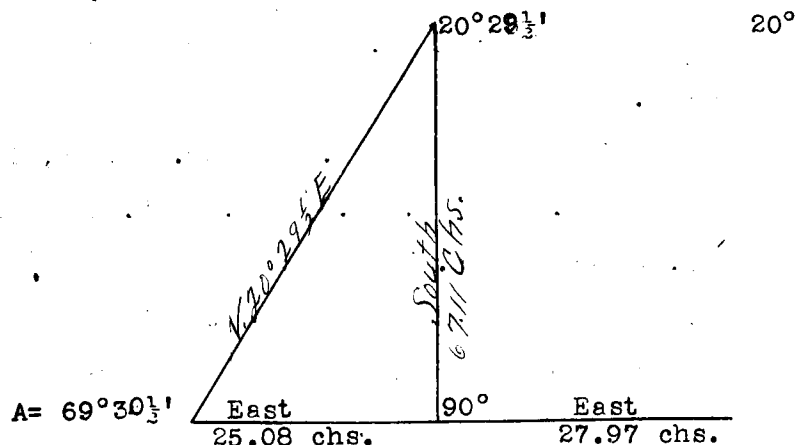
40.00 Set temp. sec. cor.

55.00 The W. breaks of Hatch Wash make chaining to the E. of this point impossible, I therefore determine the distance by triangulation as follows. From this point, which I designate as "A", a flag left 27.97 chs. E. of the true point for the cor. of secs. 16, 17, 20 and 21, bears S. $89^{\circ}49'$ E., and a flag left 12.85 chs. S., of the cor. of secs. 8, 9, 16 and 17, bears N. $20^{\circ}29'30''$ E.

Subdivision of T. 28 S., R. 22 E.

Chains

All bearings checked by direct reading of the solar
and all angles checked by deflection.



Distance on line =	55.00 chs.
Distance by triangulation =	25.08 chs.
	<hr/> 80.08 chs.

- 80.08 To point of triangulation, at a point 12 lks. N. of the true point for the cor. of secs. 16, 17, 20 and 21. which is W., 1.23 chs. dist. from the witness cor. to said secs.

Thence,

From the true point for the cor. of secs. 16, 17, 20 and 21. N. 89°55' W., on true line bet. secs. 17 and 20.

By triangulation over broken W. breaks of Hatch Wash, through scattering timber and undergrowth.

- 25.08 To point "A" of triangulation at top of W. breaks of Hatch Wash, 540 ft. above the true point for the sec. cor., bears NW. and SE.; thence over broken top of mesa.

- 40.04 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam.; in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S17
 $\frac{1}{4}$
S20
1924

From which,

A pinon, 12 ins. diam., bears N. 12°30' E., 35 lks. dist., marked $\frac{1}{4}$ S17 BT.

A pinon, 14 ins. diam., bears S. 21°45' W., 71 lks. dist., marked $\frac{1}{4}$ S20 BT.

Subdivision of T. 28 S., R. 22 E.

Chains

43.30 Spur, 40 ft. high, projects N.

62.82 Top of E. breaks of box canyon, bears NE. and SW.; thence over broken abrupt NW. slope over which I am unable to chain.

80.08 The true point for the cor. of secs. 17, 18, 19 and 20, which is S. $0^{\circ}06'$ E., 2.87 chs. dist. from the witness cor. to said secs.

Land, broken by inaccessible ledges with a general northeasterly and northwesterly exposure and a general northeasterly drainage.

Soil, shallow rocky sandy loam; 3rd rate.

Undergrowth, scattering black and sage brush.

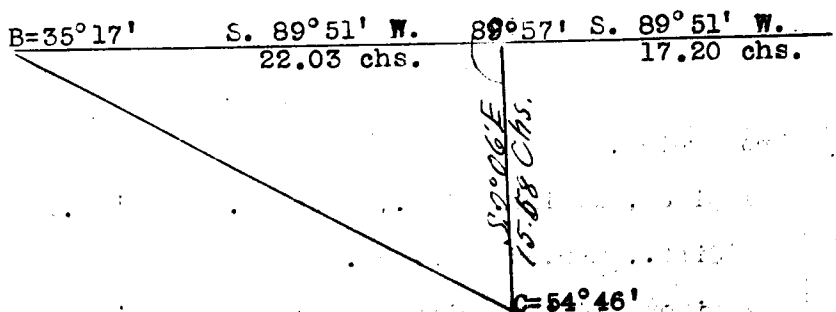
Timber, scattering scrub cedar and pinon.

Fair grazing.

From the true point for the cor. of secs. 17, 18, 19 and 20.

S. $89^{\circ}51'$ W., on random line bet. secs. 18 and 19.

As it is impossible for me to project my line to the W. of this cor. point on account of the high inaccessible ledges and sandstone points, I commence at a point, N. $89^{\circ}51'$ E., 17.20 chs. dist. from the true point for sec. cor., and proceed by triangulation as follows. Designate this point "A", and erect flag "B" on line to the W. from which point, flags left S. $0^{\circ}06'$ E., 15.58 chs. dist. from the true point for the cor. of secs. 17, 18, 19 and 20, subtends an angle of $37^{\circ}17'$ from flag "A". All bearing checked by direct reading of the solar and all angles checked by deflection.



Subdivision of T. 28 S., R. 22 E.

Chains

Distance by triangulation= 22.03 chs. ✓

22.03 To point "B" of triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.30 Intersect the W. bdy. of the township, 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is heretofore described.

Thence,

N. $89^{\circ}50'$ E., on true line bet. secs. 18 and 19.

Over broken top of mesa through scattering undergrowth and timber.

37.30 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S18 \\ \frac{1}{4} \\ \hline S19 \end{array}$$

1924

From which,

A cedar, 8 ins. diam., bears N. $22^{\circ}30'$ W., 120 lks. dist., marked $\frac{1}{4}$ S18 BT.

A cedar, 6 ins. diam., bears S. $55^{\circ}30'$ W., 286 lks. dist., marked $\frac{1}{4}$ S19 BT.

55.27 To point "B" of triangulation at top of W. breaks of deep canyon, bears NE. and SW.; thence by triangulation over inaccessible W. breaks of canyon, giving approximate distance to topography.

72.00 Bottom of canyon, 380 ft. below top of W. rim, drains NE.; ascend broken E. breaks of canyon.

77.30 The true point for the cor. of secs. 17, 18, 19 and 20, which is S. $0^{\circ}06'$ E., 2.87 chs. dist. from the witness cor. to said secs.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow rocky sandy loam; 3rd rate.

Undergrowth, scattering sage and black brush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 28 S., R. 22 E.

Chains

From the true point for the cor. of secs. 17, 18, 19 and 20.

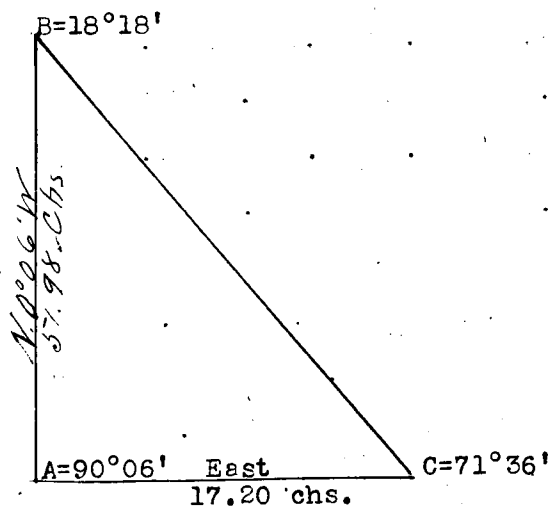
N. $0^{\circ}06'$ W., bet. secs. 17 and 18.

Descend abruptly over broken ledges through scattering undergrowth and timber.

2.87 The witness cor. to the cor. of secs. 17, 18, 19 and 20.

5.00 Bottom of canyon, 80 ft. below true point for cor., drain

NE. As the broken breaks of canyon makes chaining to the N. of this point impossible, I determine the distance by triangulation as follows. Designate the true point for the cor. of secs. 17, 18, 19 and 20 "A", and a flag East, 17.20 chs. dist. from this point as "C", and a flag on line to the N. from flag "A" as "B". From flag "B", flags "AC" subtend an angle of $18^{\circ}18'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation= 51.98 chs.

40.00 Point for the $\frac{1}{4}$ sec. cor. falls in inaccessible W. break of Hatch Wash, where it is impossible to reach the cor. point. No cor. set.

51.98 To point "B" of triangulation at top of W. breaks of Hatch Wash, 580 ft. above bottom of canyon, bears NE. and SW. Impossible to set the witness cor. to the $\frac{1}{4}$ sec. cor. at this point on account of the broken rim of canyon.

55.58 As it is impossible to reach any point within the present

limits for a witness cor. to the $\frac{1}{4}$ sec. corner of S-cs. 17 and 18, on account of the inaccessible ledges; therefore, at this point, on sandstone surface-rock, mark a cross (X) over which

Set an iron post 3 ft. long, 1 in. diam. in a large round of stone for witness cor. to the $\frac{1}{4}$ sec. cor. sec. 17 and 18, with brass cap marked

$\begin{array}{c} \uparrow \\ \text{S18} \quad \text{S17} \\ \text{W} \quad \text{C} \\ 1924 \end{array}$

from which

A cedar 8 ins. diam. bears S. 70° E. 7 lbs. dist.

marked WC $\frac{1}{4}$ S17 BT

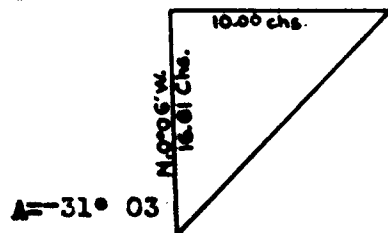
A pinon 4 ins. diam. bears N. 31° W. 47 lbs. dist.

marked WC $\frac{1}{4}$ S18 BT

Thence over broken E. point from W. creek of Hatch Wash.

63.39 Top of abrupt descent from W. breaks of Hatch Wash, bears N. 25° W. and S. 25° E., over which I am unable to chain, I therefore determine the distance by triangulation as follows: Erect flag "A" at this point and flag "B" on line to the north. From flag "B" run the base line BC N. 89° $34'$ E. 10.00 chs., from which point flags "A" "B" subtend an angle of 53° $57'$. All bearings checked by direct reading of the solar compass and angles checked by deflection.

B = 90° N. 89° $34'$ E. 53° $57'$



Distance on line

Distance by triangulation

63.39 chs.

14.61 "

80.00 chs.

80.00 On broken NE. slope, 430 ft. below top of W. breaks of Hatch Wash, point "B" of triangulation.

Subdivision of T. 28 S. R. 22 E.

Chains. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed-rock and in a large mound of stones, for cor. of secs. 7, 8, 17 and 18, with brass cap marked

T38S	R22E
S7	S8
S18	S17
1924	

Deposit a sandstone 4 x 5 x 6 ins., at base of post marked with a cross (X).

No other suitable accessories available.

Land, broken by ledges with a general northeasterly exposure and northwesterly drainage.

Soil, rocky sandy loam; 3rd rate.

Undergrowth, scattering black and sage brush.

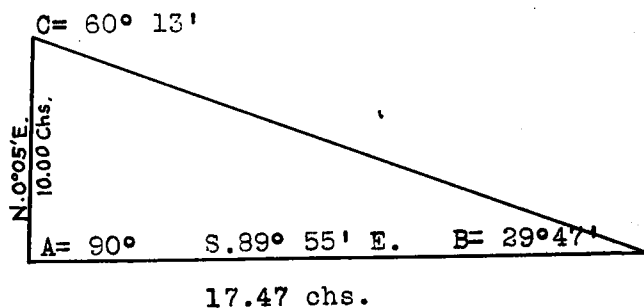
Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 39° 55' E. on random line bet. secs. 9 and 17

40.00 Set temp. $\frac{1}{4}$ sec. cor.

40.50 Base of inaccessible ledges on E. breaks of Hatch Wash over which I am unable to chain. I therefore determine the distance by triangulation as follows: Erect flag "A" at this point and flag "B" on line to the E. From flag "A" measure base line AC N. 0° 05' E. 10.00 chs. from which point flags "A" "B" subtend an angle of 60° 13'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line
Distance by triangulation

40.50 chs.
17.47 "
<u>57.97 chs.</u>

Subdivision of T. 28 S., R. 22 E.

Chains

57.97 To point "B" of triangulation.

80.02 Intersect the cor. of secs. 8, 9, 16, and 17.

Thence,

N. $89^{\circ}55'$ W., on true line bet. secs. 8 and 17.

Over broken top of mesa through scattering undergrowth and timber.

22.25 To point "B" of triangulation at top of E. breaks of Hatch Wash, bears NW. and SE.; Intersect the witness cor. to the sec. cor. of secs. 8 and 17, which is a sandstone, 18 x 12 x 10 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general. I destroy cor. and all accessories. Thence, by triangulation over inaccessible E. breaks of Hatch Wash.

39.50 To point "A" of triangulation at base of inaccessible ledges, bears NW. and SE. Thence by direct measurement over broken NW. slope.

40.01 On broken NW. slope, 540 ft. below top of E. breaks of Hatch Wash.

Set an iron post, 7 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

58

$\frac{1}{2}$ S17

1924

Deposit a sandstone, 6 x 6 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available, and soil too loose for pits.

55.00 Bottom of Hatch Wash, 60 ft. below the sec. cor., drains NW.; ascend abruptly over broken W. breaks of wash.

80.02 The cor. of secs. 7, 8, 17 and 18, 320 ft. above bottom of wash.

Chains

Land, broken by ledges with a general northwest exposure and drainage.

Soil, shallow rocky sandy loam; 3rd rate.

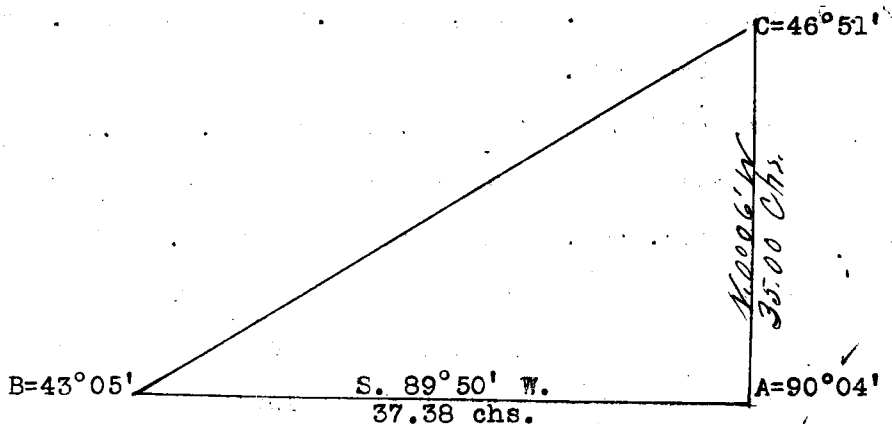
Undergrowth; scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. $89^{\circ}50'$ W., on random line bet. secs. 7 and 18.

The inaccessible W. breaks of Hatch Wash makes chaining to the W. of this point impossible, I therefore determine the distance by triangulation as follows. Designate this point "A" and erect flag "B" on line to the W., from which point, a flag which I designate as "C", left N. $0^{\circ}06'$ W., 35.00 chs. dist. from the cor. of secs. 7, 8, 17 and 18, subtends and angle of $43^{\circ}05'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation= 37.38 chs.

37.38 To point "B" of triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.34 Intersect the W. bdy. of the township, 23 lks. S. of the cor. of secs. 7, 12; 13 and 18, which is heretofore described.

Thence,

East, on true line bet. secs. 7 and 18.

Over broken bench land through scattering undergrowth and timber.

Subdivision of T. 28 S., R. 22 E.

Chains

- 32.00 Spur, 40 ft. high, projects NE..
- 37.34 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- $$\frac{S7}{\frac{1}{4} \quad S18}$$
- 1924
- From which,
- A pinon, 4 ins. diam., bears S. $44^{\circ}45'$ W., 8 lks.
dist., marked $\frac{1}{4}$ S18 BT.
- A cedar, 6 ins. diam., bears N. $18^{\circ}30'$ W., 12 lks.
dist., marked $\frac{1}{4}$ S17 BT.
- 39.96 To point "B" of triangulation at top of W. rim of breaks
of Hatch Wash, bears N. and S. Thence by triangulation
over inaccessible ledges.
- 77.34 The cor. of secs. 7, 8, 17 and 18, 480 ft. below top of
. W. rim.
- Land, broken by ledges with a general northeasterly
exposure and drainage.
- Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.
- Undergrowth, scattering black and sage brush.
- Timber, scattering scrub cedar and piñon.
- Fair grazing.
-
- N. $0^{\circ}06'$ W., bet. secs. 7 and 8.
- Descend abruptly over broken NE. slope through scattering
undergrowth and timber.
- 10.00 Stream of good water, 10 lks. wide, 2 ins. deep, in
bottom of Hatch Wash, 180 ft. below cor., drains NW.;
thence ascend abruptly over broken NW. slope of the E.
breaks of Hatch Wash.
- 35.00 Base of inaccessible ledge, about 500 ft. high, bears
NW. and SE. To pass ledge, I offset as follows.

Subdivision of T. 28 S., R. 22 E., S. 34.

Chains

Scribble

West, 2.57 chs. 00.35

N. $0^{\circ}06'$ W., 5.00 chs. to 40.00

40.00 Point on offset line at base of ledge, bears NW. and SE.,
and point 2.57 chs. west of the true point for the
 $\frac{1}{4}$ sec. cor. As it is impossible to reach true line
from this point, therefore:

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S7 | S8 WC
 1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Thence, from the witness cor. to the $\frac{1}{4}$ sec. cor., I
offset as follows to avoid the inaccessible E. breaks
of Hatch Wash.

West, 37.43 chs.

N. $0^{\circ}06'$ W., 20.00 chs.

East, 10.00 chs.

N. $0^{\circ}06'$ W., 10.00 chs.

East, 20.00 chs.

N. $0^{\circ}06'$ W., 10.00 chs.

East, 10.00 chs. to

80.00 Point on true line at top of sandstone point bet. Canyon and Hatch Wash, projects NW.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 5, 6, 7 and 8, with brass cap marked.

T28S, R22E
 S6 | S5
 S7 | S8
 1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Subdivision of T. 28 S.R. 23 E.

Chains.

Land, broken E. breaks of Hatch Wash, with a general northwesterly exposure and drainage.

Soil, shallow, rocky sandy loam; 3d rate.

Undergrowth, scattering sage and black brush.

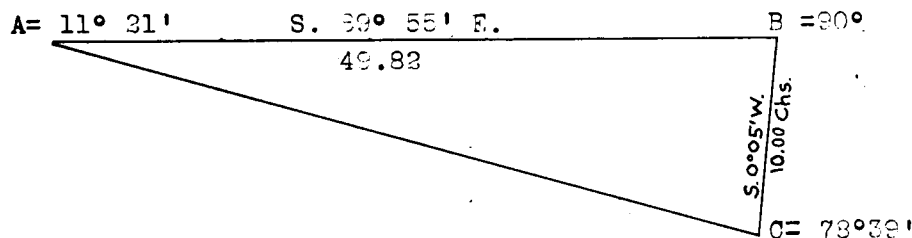
Timber, scattering scrub cedar and pinon.

Fair grazing.

$\frac{1}{2}$

S. $89^{\circ} 55'$ E. on random line bet. secs. 5 and 8,

As the E. and W. breaks of Cane Springs Canyon make chaining to the east of the corner of Secs. 3, 3, 7, and 8 impossible, I determine the distance by triangulation as follows: Erect flag "A" at the sec. corner and flag "B" on line to the E. From flag "B" measure base line BC S. $0^{\circ} 05'$ W. 10.00 chs., from which point flags "A" "B" subtend an angle of $73^{\circ} 39'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation 49.82 chs.

40.00 Point for temp. $\frac{1}{4}$ sec. cor. falls in inaccessible W. breaks of canyon.

49.82 To point "B" of triangulation. Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line 16 lks. S. of the corner of Secs. 3, 5, 8 and 9, which is an iron post 2 ins. diam. firmly set, with brass cap; properly marked and witnessed. Thence

S. $89^{\circ} 58'$ W. on true line bet. secs. 5 and 8,

Over broken land through scattering undergrowth and timber.

Subdivision of T. 28 S. R. 22 E.

Chains.
30.28

To point "B" of triangulation at top of E.breaks of Cane Springs Canyon bearing NW. and SE. Intersect the witness cor.to the $\frac{1}{4}$ sec.cor.of secs.5 and 8, which is an iron post 1 in.diam. firmly set in the ground and a mound of stone, with brass cap marked

$$\begin{array}{r} \text{WC} \frac{1}{4} \cdot \text{S5} \\ \hline \text{S8} \\ 1916 \end{array}$$

from which

A pinon 8 ins.diam. bears S. 44° 30' E. 91 lks.

dist. marked WC $\frac{1}{4}$ S8 BT

A pinon 8 ins.diam. bears N. 7° 30' W. 66 lks.

dist. marked WC $\frac{1}{4}$ S5 BT

As it is impossible to reach the true point for the $\frac{1}{4}$ sec.cor. I leave this witness corner to the $\frac{1}{4}$ sec.cor. of Secs.5 and 8.

Thence by triangulation over inaccessible E.breaks of Cane Springs Canyon, giving approximate distance to topography.

40.05 Point for $\frac{1}{4}$ sec.cor. Cor. not set.

45.00 Bottom of Cane Springs Canyon, 580 ft.below top of E. breaks drains NW. Ascend gradually over broken W. breaks of canyon.

50.00 Base of abrupt ascent over inaccessible NE.slope of spur.

50.10 The cor.of Secs.5,6,7, and 8, 570 ft. above bottom of Cane Springs Canyon.

Land, broken by ledges with a general northwesterly exposure and drainage.

Soil, shallow,rocky,sandy loam; 3d rate.

Undergrowth,scattering sage and black brush.

Timber, scattering scrub cedar and pinon.Fair grazing.

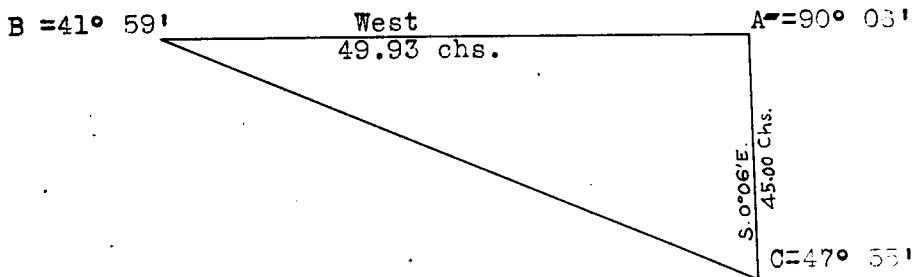
West on random line bet. secs.6 and 7,

The breaks of Hatch Wash make chaining to the W.of the cor.of secs.5,6,7 and 8 impossible, I therefore,

Subdivision of T. 28 S. R. 22 E.

Chains.

determine the distance across wash by triangulation as follows: Erect flag "A" at this corner and flag "B" on line to the W., from which point a flag left S. 0° 06' E. 45.00 chs. dist. from the corner of Secs. 5, 6, 7, and 8 subtends an angle of 41° 59' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation 49.93 chs.

- 40.00 Point for temp. $\frac{1}{4}$ sec. cor. falls in inaccessible ledges.
- 49.93 To point "B" of triangulation; Set temp, witness cor. to the $\frac{1}{4}$ sec. cor.
- 77.34 Intersect the W. bdy. of the township 21 lks. S. of the cor. of secs. 1, 5, 7, and 12, heretofore described.
- Thence
- S. 39° 49' E. on true line bet. secs. 6 and 7.
- Over broken top of mesa through scattering undergrowth and timber.
- 15.00 Low ridge 40 ft. high bears NE. and SW.
- 24.30 Top of W. breaks of Hatch Wash bears NE. and SW.
- Descend abruptly over broken breaks of wash.
- 27.41 To point "B" of triangulation; on sandstone surface rock, 40 ft. below top of W. breaks of Hatch Wash, mark a cross (X), over which
- Set an iron post, 3 ft. long, 1 in. diam. in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. of Secs. 6 and 7, with brass cap marked

$\frac{1}{4}$ — S6 — WC
S7
1924

No suitable accessories available.

Chains.

- Thence by triangulation over inaccessible ledges, at approximate distances to topography.
- 37.34 Point for the $\frac{1}{4}$ sec.cor. falls in inaccessible ledges.
- 49.20 Bottom of Hatch Wash 620 ft. below top of W.breaks, drains N.; ascend E.breaks of wash.
- 77.34 The cor.of secs.5,6,7, and 8, 610 ft. above bottom of wash.

Land, broken by ledges with a general northerly exposure and drainage.

Soil, shallow, rocky, sandy loam; 3d rate.

Undergrowth, scattering sage and black brush.

Timber, scattering scrub cedar and pinon.

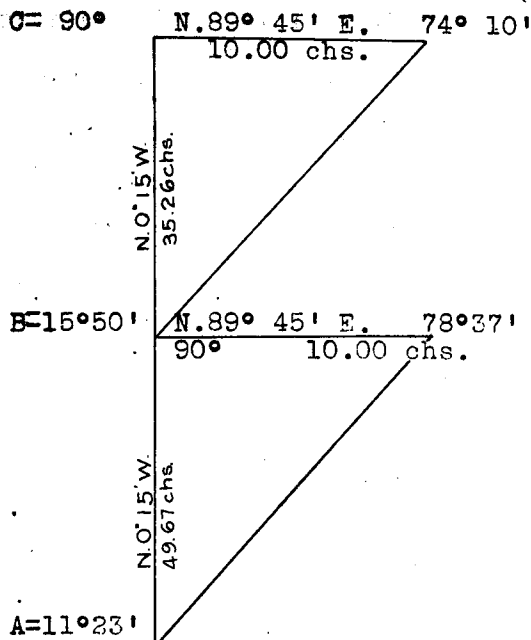
Fair grazing.

N. $0^{\circ} 15'$ W. on random line bet. secs.5 and 6.

As the breaks of Cane Springs Canyon and those of a deep sandstone gulch make chaining on this mile impossible, I determine the distance of the mile by triangulation as follows: Designate the cor.of secs.5,6,7, and 8 as "A" and from this point erect flag "B" on line to the N. and flag "C" at a point 2 lks.E.of the cor.of secs. 5,6,31 and 32 on the N.bdy.of the township. From flag "B" measure base line BD N. $89^{\circ} 45'$ E. 10.00 chs., and from flag "C" measure base line CE N. $89^{\circ} 45'$ E. 10.00 chs. From flag "D" flags "A" "B" subtend an angle of $79^{\circ} 37'$, and from flag "E" flags BC subtend an angle of $74^{\circ} 10'$. No longer base line could be obtained. All bearings checked by direct reading of the solar and all angles checked by deflection.

1. *Chlorophyll a* (Chl *a*)

Chains



Distance by triangulation "A" to "B"	49.67 chs.
Distance by triangulation "B" to "C"	35.26 "
	<hr/>
	84.93 chs.

- 40.00 Point for the temp. $\frac{1}{4}$ sec.cor.falls in inaccessible ledges.
- 49.37 To point "B" of triangulation; set temp. witness cor.to the $\frac{1}{4}$ sec.cor.
- 84.93 To point "C" of triangulation at a point on the N.bdy. of the township 3 lks.E.of the cor.of secs.5,6,31 and 32, which is an iron post, 3 ins.diam., with brass cap, firmly set in a mound of stone, properly marked and witnessed.
- Thence
- S.0° 13' E. on true line bet. secs.5 and 6,
- By triangulation; descend abruptly over inaccessible N.breaks of sandstone gulch, through scattering timber and undergrowth, giving approximate distance to topography.
- 11.00 Bottom of sandstone gulch, 210 ft.below top of N.breaks, drains W. Ascend abruptly over broken S.breaks of gulch.
- 35.26 To point "B" of triangulation at top of sandstone point between sandstone gulch and Cane Springs Canyon, 230

Subdivision of T. 28 S. R. 22 E.

Chains.

ft. above bottom of gulch projects NW.

As the true point for the $\frac{1}{4}$ sec. cor. of Secs. 5 and 6 falls in inaccessible ledges, therefore at this point on sandstone surface rock, mark a cross (X), over which

Set an iron post 3 ft. long, 1 in. diam. in a large mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 5 and 6, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S6 \quad | \quad S5 \\ W \quad | \quad C \\ 1324 \end{array}$$

No suitable accessories available.

Continue by triangulation; descend abruptly over N. breaks of Cane Springs Canyon.

44.93 Point for $\frac{1}{4}$ sec. cor. falls in inaccessible ledges.

47.00 Bottom of Cane Springs Canyon, 520 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., drains NW.; ascend abruptly over S. breaks of canyon.

84.93 The cor. of secs. 5, 6, 7, and 8, 520 ft. above bottom of canyon.

Land, broken by sandstone ledges with a general westerly exposure and drainage.

Soil, shallow, rocky, sandy loam; 3d rate.

Undergrowth, scattering sage and black brush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Boundaries of T. 28 S., R. 22 E.

Latitudes, departures, and closing errors.

Lines		True bearings	Distances			Latitudes.		Departures.	
designated			Chs.	N. Chs.	S. Chs.	E. Chs.	W. Chs.		
W. Bdy.	T28S R22E	S.0°10'E.	484.74	.....	484.74	1.41	.....	
S. Bdy.	T28S R22E	East	38.97	.....	.....	38.97	.....	
		N.89°57'E.	40.04	.03	.....	40.04	.....	
		S.89°53'E.	40.07	.....	.08	40.07	.....	
		S.89°56'E.	40.19	.....	.05	40.19	.....	
		N.89°53'E.	40.34	.08	.....	40.34	.....	
		N.89°55'E.	117.91	.17	.....	117.91	.....	
E. Bdy.	sec. 34	N.0°05'W.	80.00	80.00	.....	.....	.....	.12	
E. Bdy.	sec. 27	N.0°01'W.	80.00	80.00	.....	.....	.....	.02	
N. Bdy.	sec. 27	West	80.00	.....	.....	.....	.....	80.00	
E. Bdy.	sec. 21	N.0°01'W.	80.00	80.00	.....	.....	.....	.02	
E. Bdy.	sec. 16	N.0°01'W.	80.00	80.00	.....	.....	.....	.02	
N. Bdy.	sec. 16	West	80.00	.....	.....	.....	.....	80.00	
E. Bdy.	sec. 8	N.0°02'W.	80.00	80.00	.....	.....	.....	.05	
E. Bdy.	sec. 5	North	85.15	85.15	.....	.....	.....	.....
N. Bdy.	T28S R22E	West	157.37	.....	.....	.....	.....	157.37	
Convergency			.29	.....	.....	.....	.....	.29	
Totals				485.43	484.87	318.93	317.89		
				384.87		317.89			
				0.56		1.04			

General Description, T. 28 S., R. 22 E.

The land within the boundaries of this fractional township, consists of the broken E. and W. breaks of Hatch Wash. This wash enters the township on the S. boundary of section 34, and drains in a northwesterly direction, leaving the township on the N. boundary of section 6. The E. and W. breaks of the wash, consist of high inaccessible sandstone ledges from 500 ft. to 600 ft. high. Small seeps of water were found in some places along the bottom of the wash, and this is the only water found in the fractional township.

The entire fractional township is covered with a scattering growth of scrub cedar and pinon timber, which has no commerical value except for fire-wood and fencing. A scattering undergrowth of sage and black brush, oose is found, and mountain rush, which affords fair grazing for stock. The soil consists of a shallow rocky sandy loam, lying on a sandstone bedrock.

No portion of this fractional part of the township is suitable for farming and no improvements were found.

The fractional part of the township in general is suitable only for grazing purposes .

No indications of mineral were found. The magnetic declination was not taken on account of a defective needle.

No portion of this township is suitable for farming and no indications of mineral were found.

and now being used for grazing purposes.

FIELD ASSISTANTS.

NAMES.	CAPACITY
Cleveland Hunter	1st Chainman
Pryor Wurtsbough	1st Chainman
Max M. Brown	2nd Chainman
Robert Reseigh	2nd Chainman
Charles Sleeper	Flagman
Jay Powell	Flagman
Uriah Butts	Cornerman
John D. Brown	Chainman

CERTIFICATE OF UNITED STATES SURVEYORS.

~~I, We,~~ Chas. F. Moore, _____, U. S. Surveyor, ⁸hereby certify upon honor that, ~~he~~
 and Willis W. Bandy
 of special instructions received from the U. S. Surveyor General for Utah
 bearing date of the 28th day of July, 1923, ~~have~~ ^{We} well, faithfully, and ~~in~~
 in ^{our} ~~my~~ own proper person, ~~and~~ in strict conformity with said instructions, the Manual of Surveying Instru-
 tions, and the laws of the United States, surveyed all those parts or portions of the resurvey of
portion of the south boundary, survey of the west boundary and a
portion of the subdivision of T. 28 S., R. 22 E.

_____ of the Salt Lake Ba
 _____ And _____ Meridian, in the State of Utah, which are represented
 and date diagram _____ on dates shown on said diagram
 the foregoing field notes ~~as~~ having been executed by ~~me~~ ^{us}, and under ~~my~~ ^{our} directions, and that all the corner
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-
 tions, and the special written instructions of the U. S. Surveyor General for Utah
 and in the specific manner described in the field notes, and that the foregoing are the original field notes
 such survey.

Place Flagstaff Ariz.
 Date March - 27, 1925
 Place Hurricane Utah
 Date March 10, 1925

Chas. F. Moore

Willis W. Bandy

 APPROVAL. U. S. Surveyor.

OFFICE OF THE UNITED STATES ~~Surveyor General~~ ^{Supervisor of Surveys,}

August 31, 1926, 1926

The foregoing field notes of the ~~survey~~ ^{resurvey} of a portion of the south
 boundary, survey of the west boundary and a portion of the subdivision
 of T. 28 S., R. 22 E., S. L. B. & M.,

executed by Chas. F. Moore and Willis W. Bandy, U. S. Surveyors,
 under ~~his~~ special instructions dated July 28, 1923, ~~for~~, having b
 critically examined, and the necessary corrections and explanations made, the said field notes, and the surv
 they describe, are hereby approved.



 Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
 _____, has been correctly copied from the original notes on file in this office.